

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031889.D
 Acq On : 05 Oct 2022 12:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100522

Quant Time: Oct 05 13:00:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	132187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90105	45.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.520%			
35) Dibromofluoromethane	5.385	113	97052	50.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.460%			
50) Toluene-d8	8.647	98	341404	50.384	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.760%			
62) 4-Bromofluorobenzene	11.079	95	125828	51.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	75852	49.554	ug/l	97
3) Chloromethane	1.288	50	61837	45.698	ug/l	100
4) Vinyl Chloride	1.368	62	82832	47.507	ug/l	99
5) Bromomethane	1.612	94	76673	47.021	ug/l	97
6) Chloroethane	1.685	64	78248	54.765	ug/l	97
7) Trichlorofluoromethane	1.886	101	169351	46.725	ug/l	100
8) Diethyl Ether	2.130	74	54164	44.628	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	87359	49.810	ug/l #	83
10) Methyl Iodide	2.447	142	89389	44.676	ug/l	96
11) Tert butyl alcohol	2.995	59	61211	264.299	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	78400	47.203	ug/l #	76
13) Acrolein	2.239	56	38610	245.133	ug/l	100
14) Allyl chloride	2.660	41	86068	49.914	ug/l #	90
15) Acrylonitrile	3.069	53	172372	233.969	ug/l	98
16) Acetone	2.386	43	133231	231.019	ug/l #	89
17) Carbon Disulfide	2.508	76	165186	50.440	ug/l	100
18) Methyl Acetate	2.703	43	89682	48.011	ug/l #	81
19) Methyl tert-butyl Ether	3.111	73	245702	48.376	ug/l	94
20) Methylene Chloride	2.788	84	83685	44.058	ug/l #	78
21) trans-1,2-Dichloroethene	3.087	96	89290	47.996	ug/l	83
22) Diisopropyl ether	3.757	45	191880	47.427	ug/l #	86
23) Vinyl Acetate	3.721	43	757700	253.095	ug/l #	85
24) 1,1-Dichloroethane	3.605	63	130322	47.130	ug/l	95
25) 2-Butanone	4.562	43	216368	235.556	ug/l #	80
26) 2,2-Dichloropropane	4.477	77	109401	52.417	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	106225	48.766	ug/l	76
28) Bromochloromethane	4.898	49	49234	44.969	ug/l #	34
29) Tetrahydrofuran	5.007	42	135803	237.545	ug/l #	73
30) Chloroform	5.093	83	161436	47.590	ug/l	100
31) Cyclohexane	5.471	56	110108	47.873	ug/l #	75
32) 1,1,1-Trichloroethane	5.385	97	147217	49.325	ug/l #	93
36) 1,1-Dichloropropene	5.696	75	112793	50.798	ug/l	91
37) Ethyl Acetate	4.715	43	86302	50.314	ug/l #	92
38) Carbon Tetrachloride	5.678	117	139010	53.170	ug/l	96
39) Methylcyclohexane	7.379	83	146796	51.596	ug/l	85
40) Benzene	6.038	78	335371	50.229	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031889.D
 Acq On : 05 Oct 2022 12:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100522

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 13:00:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45671	51.495	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	110199	49.683	ug/l	91
43) Isopropyl Acetate	6.342	43	138214	52.799	ug/l #	87
44) Trichloroethene	7.123	130	117261	51.604	ug/l	83
45) 1,2-Dichloropropane	7.428	63	76555	51.451	ug/l	97
46) Dibromomethane	7.580	93	66942	50.900	ug/l #	78
47) Bromodichloromethane	7.824	83	120103	53.479	ug/l	99
48) Methyl methacrylate	7.690	41	65364	52.879	ug/l #	81
49) 1,4-Dioxane	7.696	88	42831	1018.127	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	442803	251.433	ug/l	88
52) Toluene	8.720	92	240881	50.954	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	119632	59.077	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	132939	57.106	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	98094	50.447	ug/l	96
56) Ethyl methacrylate	9.116	69	124274	55.503	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	145992	50.516	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	281857	251.078	ug/l #	78
59) 2-Hexanone	9.433	43	333462	260.809	ug/l	85
60) Dibromochloromethane	9.525	129	112756	57.638	ug/l	99
61) 1,2-Dibromoethane	9.610	107	110127	53.351	ug/l	99
64) Tetrachloroethene	9.275	164	126912	53.292	ug/l	91
65) Chlorobenzene	10.079	112	281331	51.180	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	107595	55.558	ug/l	97
67) Ethyl Benzene	10.195	91	457362	51.898	ug/l	95
68) m/p-Xylenes	10.305	106	392163	105.553	ug/l	88
69) o-Xylene	10.640	106	190021	52.028	ug/l	87
70) Styrene	10.659	104	312641	54.330	ug/l	93
71) Bromoform	10.799	173	86347	49.530	ug/l #	100
73) Isopropylbenzene	10.963	105	494763	49.277	ug/l	97
74) N-amyl acetate	10.848	43	120902	54.780	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	134096	47.991	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	117632m	48.943	ug/l	
77) Bromobenzene	11.201	156	140748	51.565	ug/l	78
78) n-propylbenzene	11.305	91	539868	50.483	ug/l	93
79) 2-Chlorotoluene	11.366	91	314770	48.173	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	418821	50.399	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	33082	47.566	ug/l	97
82) 4-Chlorotoluene	11.457	91	363725	48.769	ug/l	90
83) tert-Butylbenzene	11.713	119	433775	51.720	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	419474	50.534	ug/l	95
85) sec-Butylbenzene	11.890	105	513509	50.759	ug/l	94
86) p-Isopropyltoluene	12.012	119	466819	52.219	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	262012	50.834	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	266492	50.166	ug/l	96
89) n-Butylbenzene	12.335	91	350375	52.679	ug/l	95
90) Hexachloroethane	12.542	117	68998	57.640	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	256645	49.820	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27695	55.824	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.591	180	181572	55.498	ug/l	98
94) Hexachlorobutadiene	13.725	225	75954	56.997	ug/l	98
95) Naphthalene	13.774	128	544008	52.772	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	181053	54.834	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
Data File : VX031889.D
Acq On : 05 Oct 2022 12:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100522

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 13:00:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 05 12:20:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

