

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043046.D
 Acq On : 14 Aug 2024 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

Quant Time: Aug 15 04:37:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	114472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75305	50.064	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	5.385	113	64980	49.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	8.647	98	249159	49.521	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.079	95	88830	48.691	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	60933	52.649	ug/l	98
3) Chloromethane	1.301	50	87572	51.116	ug/l	99
4) Vinyl Chloride	1.374	62	88971	51.704	ug/l	100
5) Bromomethane	1.599	94	27376	52.504	ug/l	100
6) Chloroethane	1.660	64	31148	57.433	ug/l	98
7) Trichlorofluoromethane	1.868	101	91259	50.722	ug/l	98
8) Diethyl Ether	2.136	74	45385	54.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.313	101	63723	49.524	ug/l	98
10) Methyl Iodide	2.441	142	77741	53.113	ug/l #	87
11) Tert butyl alcohol	2.995	59	106965	275.620	ug/l #	94
12) 1,1-Dichloroethene	2.307	96	68853	49.867	ug/l	82
13) Acrolein	2.240	56	94296	240.343	ug/l	98
14) Allyl chloride	2.660	41	118375	45.743	ug/l	90
15) Acrylonitrile	3.075	53	243777	253.608	ug/l	98
16) Acetone	2.392	43	182884	245.140	ug/l #	88
17) Carbon Disulfide	2.502	76	188587	47.628	ug/l	98
18) Methyl Acetate	2.709	43	125312	50.829	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	233011	50.073	ug/l	100
20) Methylene Chloride	2.788	84	79085	45.841	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	69991	48.606	ug/l	88
22) Diisopropyl ether	3.764	45	261674	49.518	ug/l	98
23) Vinyl Acetate	3.727	43	1555259	252.453	ug/l	97
24) 1,1-Dichloroethane	3.605	63	133313	50.020	ug/l	99
25) 2-Butanone	4.568	43	331209	253.252	ug/l	98
26) 2,2-Dichloropropane	4.471	77	84770	39.925	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	84889	48.840	ug/l	90
28) Bromochloromethane	4.898	49	55938	46.393	ug/l	96
29) Tetrahydrofuran	5.013	42	229733	253.442	ug/l	99
30) Chloroform	5.093	83	127565	49.825	ug/l	98
31) Cyclohexane	5.465	56	117962	47.059	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	109693	51.322	ug/l	98
36) 1,1-Dichloropropene	5.690	75	88352	48.794	ug/l	97
37) Ethyl Acetate	4.721	43	129081	50.605	ug/l	98
38) Carbon Tetrachloride	5.678	117	92149	50.328	ug/l	99
39) Methylcyclohexane	7.379	83	120200	47.948	ug/l	94
40) Benzene	6.038	78	298803	48.438	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043046.D
 Acq On : 14 Aug 2024 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

Quant Time: Aug 15 04:37:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	69195	51.471	ug/l	94
42) 1,2-Dichloroethane	6.086	62	91551	51.021	ug/l	92
43) Isopropyl Acetate	6.349	43	206433	50.159	ug/l	97
44) Trichloroethene	7.123	130	70543	50.498	ug/l	92
45) 1,2-Dichloropropane	7.434	63	75445	49.697	ug/l	99
46) Dibromomethane	7.580	93	51801	49.905	ug/l	95
47) Bromodichloromethane	7.824	83	99740	49.489	ug/l	97
48) Methyl methacrylate	7.696	41	95793	48.832	ug/l	90
49) 1,4-Dioxane	7.665	88	43730	1088.197	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	670978	256.540	ug/l	98
52) Toluene	8.720	92	184848	49.605	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	104910	47.667	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115758	47.821	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	72655	49.639	ug/l	95
56) Ethyl methacrylate	9.116	69	132067	49.829	ug/l	95
57) 1,3-Dichloropropane	9.311	76	123420	49.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	295063	237.239	ug/l	100
59) 2-Hexanone	9.433	43	521209	259.324	ug/l	96
60) Dibromochloromethane	9.519	129	78674	50.977	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74816	50.687	ug/l	100
64) Tetrachloroethene	9.275	164	59951	50.590	ug/l	95
65) Chlorobenzene	10.080	112	198149	50.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	66368	49.720	ug/l	97
67) Ethyl Benzene	10.195	91	342600	49.768	ug/l	98
68) m/p-Xylenes	10.299	106	269269	101.721	ug/l	94
69) o-Xylene	10.640	106	132352	49.769	ug/l	95
70) Styrene	10.653	104	225030	50.470	ug/l	95
71) Bromoform	10.799	173	55971	50.488	ug/l #	99
73) Isopropylbenzene	10.964	105	330376	49.345	ug/l	97
74) N-amyl acetate	10.842	43	189905	49.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	122066	47.363	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95634m	47.542	ug/l	
77) Bromobenzene	11.195	156	78093	48.551	ug/l	94
78) n-propylbenzene	11.305	91	386329	50.631	ug/l	100
79) 2-Chlorotoluene	11.366	91	233874	49.248	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	275883	50.019	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	42141	45.695	ug/l #	82
82) 4-Chlorotoluene	11.457	91	260805	49.284	ug/l	96
83) tert-Butylbenzene	11.713	119	279036	48.882	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	277263	49.828	ug/l	94
85) sec-Butylbenzene	11.890	105	348994	50.364	ug/l	98
86) p-Isopropyltoluene	12.006	119	286496	50.606	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	146104	50.517	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	146402	49.474	ug/l	98
89) n-Butylbenzene	12.329	91	246514	50.300	ug/l	99
90) Hexachloroethane	12.536	117	55979	49.231	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	144930	49.701	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25794	51.161	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	81840	49.862	ug/l	98
94) Hexachlorobutadiene	13.725	225	30805	50.295	ug/l	98
95) Naphthalene	13.774	128	325509	50.216	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	86051	51.259	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
Data File : VX043046.D
Acq On : 14 Aug 2024 21:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

Quant Time: Aug 15 04:37:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration

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

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

