

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032328.D
 Acq On : 24 Oct 2022 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:25:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	203907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82567	48.332	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.660%		
35) Dibromofluoromethane	5.379	113	68552	48.313	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	8.647	98	240244	47.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.080%		
62) 4-Bromofluorobenzene	11.079	95	94152	50.339	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55579	46.262	ug/l	97
3) Chloromethane	1.295	50	51751	44.267	ug/l	96
4) Vinyl Chloride	1.374	62	59019	45.612	ug/l	96
5) Bromomethane	1.612	94	68153	50.306	ug/l	98
6) Chloroethane	1.685	64	45930	39.632	ug/l	97
7) Trichlorofluoromethane	1.886	101	115263	50.109	ug/l	99
8) Diethyl Ether	2.130	74	38549	49.315	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	61874	49.616	ug/l	98
10) Methyl Iodide	2.453	142	61265	33.996	ug/l	98
11) Tert butyl alcohol	2.977	59	52231	213.749	ug/l	95
12) 1,1-Dichloroethene	2.319	96	55430	47.290	ug/l	97
13) Acrolein	2.233	56	68824	330.946	ug/l	99
14) Allyl chloride	2.660	41	94195	51.167	ug/l	99
15) Acrylonitrile	3.062	53	148143	231.218	ug/l	99
16) Acetone	2.386	43	161409	291.147	ug/l	98
17) Carbon Disulfide	2.514	76	133720	48.730	ug/l	99
18) Methyl Acetate	2.703	43	89734	47.677	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	205408	50.856	ug/l	97
20) Methylene Chloride	2.788	84	63383	44.526	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	60598	47.467	ug/l	97
22) Diisopropyl ether	3.757	45	199047	49.375	ug/l	93
23) Vinyl Acetate	3.721	43	783217	243.079	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113909	48.904	ug/l	99
25) 2-Butanone	4.556	43	220697	254.977	ug/l	99
26) 2,2-Dichloropropane	4.471	77	102382	61.008	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	73485	49.162	ug/l	96
28) Bromochloromethane	4.898	49	42365	44.085	ug/l	99
29) Tetrahydrofuran	5.001	42	132674	237.326	ug/l	100
30) Chloroform	5.087	83	127662	50.356	ug/l	99
31) Cyclohexane	5.464	56	93353	47.800	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	119143	55.109	ug/l	99
36) 1,1-Dichloropropene	5.690	75	89572	49.074	ug/l	100
37) Ethyl Acetate	4.709	43	84512	47.290	ug/l	98
38) Carbon Tetrachloride	5.678	117	108213	56.161	ug/l	98
39) Methylcyclohexane	7.379	83	107299	49.210	ug/l	99
40) Benzene	6.038	78	251794	47.597	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032328.D
 Acq On : 24 Oct 2022 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:25:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45839	48.643	ug/l	97
42) 1,2-Dichloroethane	6.086	62	103705	51.179	ug/l	99
43) Isopropyl Acetate	6.336	43	143671	51.222	ug/l	99
44) Trichloroethene	7.123	130	70345	48.289	ug/l	99
45) 1,2-Dichloropropane	7.428	63	66992	50.200	ug/l	99
46) Dibromomethane	7.580	93	50309	50.544	ug/l	100
47) Bromodichloromethane	7.818	83	105646	57.458	ug/l	95
48) Methyl methacrylate	7.690	41	71927	51.419	ug/l	97
49) 1,4-Dioxane	7.684	88	25138	895.429	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	437332	248.732	ug/l	99
52) Toluene	8.720	92	167593	48.905	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	109564	52.775	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	114963	56.113	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70896	50.927	ug/l	98
56) Ethyl methacrylate	9.116	69	103452	51.598	ug/l	99
57) 1,3-Dichloropropane	9.305	76	114339	50.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	222906	242.556	ug/l	100
59) 2-Hexanone	9.427	43	333600	254.280	ug/l	100
60) Dibromochloromethane	9.519	129	87758	61.508	ug/l	100
61) 1,2-Dibromoethane	9.610	107	75293	51.020	ug/l	97
64) Tetrachloroethene	9.275	164	59118	47.854	ug/l	98
65) Chlorobenzene	10.079	112	186327	48.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	75831	55.251	ug/l	100
67) Ethyl Benzene	10.195	91	337034	49.630	ug/l	99
68) m/p-Xylenes	10.299	106	263281	98.172	ug/l	100
69) o-Xylene	10.640	106	127507	49.629	ug/l	98
70) Styrene	10.653	104	217608	50.227	ug/l	99
71) Bromoform	10.799	173	67262	57.433	ug/l #	100
73) Isopropylbenzene	10.963	105	350733	49.239	ug/l	100
74) N-amyl acetate	10.842	43	130092	49.436	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	107250	46.834	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85150m	43.049	ug/l	
77) Bromobenzene	11.201	156	85648	49.055	ug/l	99
78) n-propylbenzene	11.305	91	412016	50.516	ug/l	99
79) 2-Chlorotoluene	11.366	91	242462	49.325	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	307193	49.929	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35993	56.778	ug/l	95
82) 4-Chlorotoluene	11.457	91	290206	50.708	ug/l	99
83) tert-Butylbenzene	11.713	119	311422	50.589	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	306553	51.248	ug/l	99
85) sec-Butylbenzene	11.890	105	381067	51.222	ug/l	100
86) p-Isopropyltoluene	12.012	119	327935	51.806	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	164694	49.009	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	167515	48.527	ug/l	99
89) n-Butylbenzene	12.335	91	291200	52.229	ug/l	100
90) Hexachloroethane	12.542	117	62007	63.127	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	160627	48.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24811	56.709	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	107400	50.008	ug/l	99
94) Hexachlorobutadiene	13.725	225	46127	49.486	ug/l	99
95) Naphthalene	13.774	128	340520	49.505	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106584	49.341	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
Data File : VX032328.D
Acq On : 24 Oct 2022 10:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/26/2022

Quant Time: Oct 25 03:25:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

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

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

