

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032000.D
 Acq On : 10 Oct 2022 10:21
 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 : John Carlone 10/11/2022
 Supervised By : Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 12:27:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	64637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	98166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67437	50.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.040%			
35) Dibromofluoromethane	5.385	113	57164	51.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.880%			
50) Toluene-d8	8.647	98	200673	50.188	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	11.079	95	75870	53.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51702	53.747	ug/l	99
3) Chloromethane	1.288	50	46357	46.020	ug/l	97
4) Vinyl Chloride	1.374	62	54826	46.573	ug/l	98
5) Bromomethane	1.611	94	37937	49.685	ug/l	97
6) Chloroethane	1.685	64	51039	50.949	ug/l	93
7) Trichlorofluoromethane	1.886	101	102949	48.652	ug/l	99
8) Diethyl Ether	2.130	74	35498	49.215	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	52939	49.496	ug/l	92
10) Methyl Iodide	2.453	142	52799	48.597	ug/l	100
11) Tert butyl alcohol	2.989	59	37841	227.844	ug/l	97
12) 1,1-Dichloroethene	2.319	96	47338	48.081	ug/l	90
13) Acrolein	2.233	56	27925	294.397	ug/l	100
14) Allyl chloride	2.660	41	71964	51.370	ug/l	97
15) Acrylonitrile	3.062	53	128886	243.435	ug/l	99
16) Acetone	2.386	43	105784	233.169	ug/l	95
17) Carbon Disulfide	2.508	76	105882	50.080	ug/l	98
18) Methyl Acetate	2.703	43	76064	50.814	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	171366	51.868	ug/l	98
20) Methylene Chloride	2.788	84	54974	46.112	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	52589	48.233	ug/l	95
22) Diisopropyl ether	3.757	45	168099	53.376	ug/l	99
23) Vinyl Acetate	3.715	43	667086	283.376	ug/l	98
24) 1,1-Dichloroethane	3.605	63	94278	49.940	ug/l	97
25) 2-Butanone	4.556	43	175530	247.503	ug/l	99
26) 2,2-Dichloropropane	4.471	77	73694	54.347	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	62693	48.055	ug/l	91
28) Bromochloromethane	4.891	49	40675	50.337	ug/l	90
29) Tetrahydrofuran	5.001	42	109904	240.178	ug/l	95
30) Chloroform	5.093	83	107212	50.985	ug/l	97
31) Cyclohexane	5.471	56	78835	49.436	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	91296	51.091	ug/l	99
36) 1,1-Dichloropropene	5.690	75	73561	49.923	ug/l	99
37) Ethyl Acetate	4.708	43	71114	51.263	ug/l	99
38) Carbon Tetrachloride	5.672	117	81395	54.025	ug/l	98
39) Methylcyclohexane	7.379	83	92643	52.711	ug/l	94
40) Benzene	6.031	78	216655	50.213	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	39728	55.073	ug/l	96
42) 1,2-Dichloroethane	6.086	62	84252	53.586	ug/l	97
43) Isopropyl Acetate	6.336	43	117814	55.976	ug/l	98
44) Trichloroethene	7.123	130	61587	48.680	ug/l	93
45) 1,2-Dichloropropane	7.428	63	56360	53.152	ug/l	95
46) Dibromomethane	7.580	93	42826	52.115	ug/l	93
47) Bromodichloromethane	7.818	83	84202	59.314	ug/l	98
48) Methyl methacrylate	7.690	41	56908	56.583	ug/l	93
49) 1,4-Dioxane	7.696	88	22067	967.681	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	369498	264.915	ug/l	98
52) Toluene	8.714	92	142065	50.358	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	82707	54.022	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	91764	59.689	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	59850	50.265	ug/l	99
56) Ethyl methacrylate	9.116	69	84844	55.590	ug/l	97
57) 1,3-Dichloropropane	9.305	76	99264	51.879	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	205526	260.870	ug/l	95
59) 2-Hexanone	9.433	43	269888	262.428	ug/l	98
60) Dibromochloromethane	9.519	129	65268	59.897	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61848	51.652	ug/l	98
64) Tetrachloroethene	9.275	164	60653	50.882	ug/l	99
65) Chlorobenzene	10.079	112	154257	48.217	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	60410	54.571	ug/l	99
67) Ethyl Benzene	10.195	91	276896	51.161	ug/l	99
68) m/p-Xylenes	10.299	106	216710	100.760	ug/l	100
69) o-Xylene	10.640	106	106133	50.770	ug/l	100
70) Styrene	10.653	104	178609	53.446	ug/l	99
71) Bromoform	10.799	173	44062	60.801	ug/l #	99
73) Isopropylbenzene	10.963	105	284061	49.783	ug/l	98
74) N-amyl acetate	10.842	43	103475	59.384	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	86798	47.877	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79275m	51.128	ug/l	
77) Bromobenzene	11.201	156	68464	48.710	ug/l	97
78) n-propylbenzene	11.305	91	332863	51.288	ug/l	99
79) 2-Chlorotoluene	11.366	91	193646	49.581	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	242942	51.336	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23094	52.648	ug/l	90
82) 4-Chlorotoluene	11.457	91	227259	50.807	ug/l	99
83) tert-Butylbenzene	11.713	119	234818	50.134	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	242544	50.451	ug/l	99
85) sec-Butylbenzene	11.890	105	305756	52.728	ug/l	99
86) p-Isopropyltoluene	12.006	119	263317	53.933	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	130986	48.945	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	133838	48.587	ug/l	99
89) n-Butylbenzene	12.335	91	231548	56.633	ug/l	99
90) Hexachloroethane	12.536	117	43304	55.627	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	131890	49.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18116	54.590	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	86087	53.307	ug/l	100
94) Hexachlorobutadiene	13.725	225	37932	58.074	ug/l	98
95) Naphthalene	13.774	128	279594	50.525	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85220	52.024	ug/l	99

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

