

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032526.D
 Acq On : 02 Nov 2022 10:30
 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 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 03:06:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	109209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77407	51.012	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.020%			
35) Dibromofluoromethane	5.385	113	61467	50.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.647	98	208454	49.713	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.420%			
62) 4-Bromofluorobenzene	11.079	95	84995	51.892	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63082	50.082	ug/l	99
3) Chloromethane	1.294	50	50923	47.806	ug/l	97
4) Vinyl Chloride	1.374	62	55888	47.673	ug/l	99
5) Bromomethane	1.605	94	51822	55.315	ug/l	98
6) Chloroethane	1.684	64	37163	47.253	ug/l	100
7) Trichlorofluoromethane	1.886	101	110351	49.678	ug/l	100
8) Diethyl Ether	2.130	74	36210	50.303	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	59474	50.728	ug/l	100
10) Methyl Iodide	2.453	142	66458	50.926	ug/l	98
11) Tert butyl alcohol	2.971	59	51738	234.256	ug/l	99
12) 1,1-Dichloroethene	2.318	96	53656	48.991	ug/l	99
13) Acrolein	2.233	56	59724	270.874	ug/l	99
14) Allyl chloride	2.660	41	87497	50.117	ug/l	99
15) Acrylonitrile	3.062	53	141281	235.704	ug/l	99
16) Acetone	2.379	43	143755	260.654	ug/l	100
17) Carbon Disulfide	2.514	76	126323	48.425	ug/l	100
18) Methyl Acetate	2.703	43	91757	51.162	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	197607	51.335	ug/l	99
20) Methylene Chloride	2.788	84	61343	48.511	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	56905	47.733	ug/l	99
22) Diisopropyl ether	3.757	45	188713	49.973	ug/l	92
23) Vinyl Acetate	3.721	43	778556	255.185	ug/l	99
24) 1,1-Dichloroethane	3.605	63	106948	49.237	ug/l	98
25) 2-Butanone	4.550	43	205920	240.996	ug/l	98
26) 2,2-Dichloropropane	4.477	77	92750	53.716	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	68264	49.539	ug/l	97
28) Bromochloromethane	4.897	49	36941	47.746	ug/l	99
29) Tetrahydrofuran	5.001	42	128118	235.142	ug/l	100
30) Chloroform	5.092	83	120679	50.632	ug/l	97
31) Cyclohexane	5.470	56	90396	49.132	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	110226	51.536	ug/l	100
36) 1,1-Dichloropropene	5.690	75	85299	50.796	ug/l	99
37) Ethyl Acetate	4.708	43	83000	47.485	ug/l	99
38) Carbon Tetrachloride	5.672	117	97547	52.374	ug/l	99
39) Methylcyclohexane	7.379	83	102547	51.614	ug/l	99
40) Benzene	6.037	78	237352	49.948	ug/l	100

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41) Methacrylonitrile	4.910	41	45221	50.785	ug/l	99
42) 1,2-Dichloroethane	6.086	62	103710	53.390	ug/l	100
43) Isopropyl Acetate	6.336	43	137789	51.341	ug/l	99
44) Trichloroethene	7.123	130	67215	50.246	ug/l	100
45) 1,2-Dichloropropane	7.427	63	62078	50.890	ug/l	100
46) Dibromomethane	7.580	93	48179	51.500	ug/l	99
47) Bromodichloromethane	7.824	83	95271	53.733	ug/l	100
48) Methyl methacrylate	7.689	41	71037	51.250	ug/l	99
49) 1,4-Dioxane	7.671	88	24276	919.017	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	425719	251.836	ug/l	100
52) Toluene	8.720	92	156593	50.508	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101718	56.228	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105202	54.370	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	67306	51.548	ug/l	98
56) Ethyl methacrylate	9.116	69	101316	53.921	ug/l	99
57) 1,3-Dichloropropane	9.311	76	108591	51.501	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	236512	261.414	ug/l	100
59) 2-Hexanone	9.427	43	317988	253.510	ug/l	100
60) Dibromochloromethane	9.518	129	77011	54.000	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72332	52.283	ug/l	99
64) Tetrachloroethene	9.275	164	57665	50.953	ug/l	99
65) Chlorobenzene	10.079	112	175314	50.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	69142	53.041	ug/l	99
67) Ethyl Benzene	10.195	91	319061	51.513	ug/l	99
68) m/p-Xylenes	10.299	106	244671	101.731	ug/l	99
69) o-Xylene	10.640	106	121285	51.867	ug/l	100
70) Styrene	10.652	104	204423	52.602	ug/l	99
71) Bromoform	10.799	173	56973	55.278	ug/l #	98
73) Isopropylbenzene	10.963	105	329093	49.434	ug/l	100
74) N-amyl acetate	10.841	43	127989	50.882	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	102379	47.911	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	93967m	50.275	ug/l	
77) Bromobenzene	11.201	156	80554	49.356	ug/l	100
78) n-propylbenzene	11.305	91	383317	49.976	ug/l	100
79) 2-Chlorotoluene	11.366	91	225852	49.168	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	285908	50.250	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30987	52.754	ug/l	99
82) 4-Chlorotoluene	11.457	91	270094	50.251	ug/l	99
83) tert-Butylbenzene	11.713	119	285552	50.270	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	287469	50.799	ug/l	100
85) sec-Butylbenzene	11.890	105	348037	50.919	ug/l	99
86) p-Isopropyltoluene	12.012	119	301466	51.979	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	153857	49.975	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	156351	48.953	ug/l	99
89) n-Butylbenzene	12.335	91	266558	52.829	ug/l	99
90) Hexachloroethane	12.542	117	51075	53.914	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	150686	49.638	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23603	50.377	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	99979	50.511	ug/l	98
94) Hexachlorobutadiene	13.725	225	42157	50.997	ug/l	99
95) Naphthalene	13.774	128	323212	49.006	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99188	49.297	ug/l	99

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

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