

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032501.D
 Acq On : 01 Nov 2022 10:23
 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 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 05:24:35 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	116815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81331	50.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.220%	
35) Dibromofluoromethane	5.385	113	64766	50.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.760%	
50) Toluene-d8	8.647	98	223213	50.430	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	11.079	95	90583	52.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66608	49.438	ug/l	94
3) Chloromethane	1.294	50	54070	47.455	ug/l	96
4) Vinyl Chloride	1.374	62	60159	47.975	ug/l	99
5) Bromomethane	1.611	94	56471	56.352	ug/l	97
6) Chloroethane	1.685	64	39135	46.521	ug/l	96
7) Trichlorofluoromethane	1.886	101	116101	48.864	ug/l	100
8) Diethyl Ether	2.130	74	37674	48.929	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	62257	49.644	ug/l	99
10) Methyl Iodide	2.453	142	74312	53.150	ug/l	99
11) Tert butyl alcohol	2.971	59	54181	229.345	ug/l	98
12) 1,1-Dichloroethene	2.319	96	54951	46.907	ug/l	95
13) Acrolein	2.233	56	79173	335.703	ug/l	99
14) Allyl chloride	2.666	41	92401	49.480	ug/l	99
15) Acrylonitrile	3.062	53	148693	231.917	ug/l	100
16) Acetone	2.380	43	148853	252.324	ug/l	99
17) Carbon Disulfide	2.514	76	135591	48.593	ug/l	100
18) Methyl Acetate	2.703	43	93593	48.788	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	205138	49.822	ug/l	99
20) Methylene Chloride	2.788	84	63696	47.092	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	60733	47.627	ug/l	97
22) Diisopropyl ether	3.757	45	196329	48.605	ug/l	93
23) Vinyl Acetate	3.721	43	815714	249.956	ug/l	99
24) 1,1-Dichloroethane	3.605	63	111944	48.181	ug/l	99
25) 2-Butanone	4.550	43	218317	238.868	ug/l	99
26) 2,2-Dichloropropane	4.477	77	97658	52.876	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	72540	49.214	ug/l	99
28) Bromochloromethane	4.897	49	39535	47.772	ug/l	100
29) Tetrahydrofuran	5.001	42	133836	229.643	ug/l	99
30) Chloroform	5.093	83	125594	49.263	ug/l	100
31) Cyclohexane	5.471	56	96009	48.785	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	115002	50.268	ug/l	99
36) 1,1-Dichloropropene	5.690	75	89415	50.443	ug/l	100
37) Ethyl Acetate	4.708	43	86539	46.902	ug/l	99
38) Carbon Tetrachloride	5.678	117	103302	52.543	ug/l	96
39) Methylcyclohexane	7.379	83	107731	51.367	ug/l	99
40) Benzene	6.037	78	247835	49.407	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48214	51.295	ug/l	98
42) 1,2-Dichloroethane	6.086	62	107092	52.228	ug/l	100
43) Isopropyl Acetate	6.336	43	145997	51.535	ug/l	100
44) Trichloroethene	7.123	130	69845	49.462	ug/l	96
45) 1,2-Dichloropropane	7.427	63	65137	50.586	ug/l	99
46) Dibromomethane	7.580	93	50302	50.938	ug/l	100
47) Bromodichloromethane	7.818	83	100153	53.512	ug/l	98
48) Methyl methacrylate	7.690	41	73714	50.381	ug/l	99
49) 1,4-Dioxane	7.677	88	24859	891.526	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	446181	250.041	ug/l	100
52) Toluene	8.720	92	165192	50.476	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104518	54.733	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	109302	53.514	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	68926	50.009	ug/l	100
56) Ethyl methacrylate	9.116	69	104901	52.889	ug/l	99
57) 1,3-Dichloropropane	9.311	76	112143	50.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	263327	275.725	ug/l	100
59) 2-Hexanone	9.433	43	333776	252.083	ug/l	99
60) Dibromochloromethane	9.525	129	80370	53.387	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74906	51.292	ug/l	99
64) Tetrachloroethene	9.275	164	59434	49.833	ug/l	96
65) Chlorobenzene	10.079	112	182562	50.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	71918	52.352	ug/l	99
67) Ethyl Benzene	10.195	91	331614	50.805	ug/l	100
68) m/p-Xylenes	10.299	106	259153	102.247	ug/l	100
69) o-Xylene	10.640	106	125153	50.787	ug/l	100
70) Styrene	10.653	104	214469	52.367	ug/l	99
71) Bromoform	10.799	173	60396	55.606	ug/l #	98
73) Isopropylbenzene	10.963	105	342538	48.069	ug/l	100
74) N-amyl acetate	10.841	43	134495	49.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108603	47.481	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99230m	49.599	ug/l	
77) Bromobenzene	11.201	156	83934	48.045	ug/l	100
78) n-propylbenzene	11.305	91	398381	48.524	ug/l	100
79) 2-Chlorotoluene	11.366	91	238046	48.415	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	297712	48.884	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33712	53.619	ug/l	98
82) 4-Chlorotoluene	11.457	91	280229	48.707	ug/l	99
83) tert-Butylbenzene	11.713	119	298177	49.040	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	298360	49.256	ug/l	100
85) sec-Butylbenzene	11.890	105	361876	49.462	ug/l	99
86) p-Isopropyltoluene	12.012	119	315842	50.876	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	160495	48.702	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	164404	48.089	ug/l	99
89) n-Butylbenzene	12.335	91	277255	51.335	ug/l	99
90) Hexachloroethane	12.542	117	52905	52.173	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	159898	49.209	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24750	49.351	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	102918	48.576	ug/l	99
94) Hexachlorobutadiene	13.725	225	44633	50.441	ug/l	98
95) Naphthalene	13.774	128	340940	48.294	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102736	47.702	ug/l	99

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

