

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026697.D
 Acq On : 01 Feb 2022 11:08
 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 02/02/2022
 Supervised By : Mahesh Dadoda 02/02/2022

Quant Time: Feb 02 04:33:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	92672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58189	44.949	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.900%		
35) Dibromofluoromethane	5.385	113	47552	49.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.980%		
50) Toluene-d8	8.647	98	176738	51.048	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.100%		
62) 4-Bromofluorobenzene	11.079	95	67151	54.598	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	45637	41.704	ug/l	98
3) Chloromethane	1.294	50	44623	44.482	ug/l	98
4) Vinyl Chloride	1.380	62	47739	45.325	ug/l	100
5) Bromomethane	1.617	94	23354	48.067	ug/l	96
6) Chloroethane	1.691	64	22586	42.407	ug/l	96
7) Trichlorofluoromethane	1.892	101	75606	45.467	ug/l	100
8) Diethyl Ether	2.136	74	28127	47.800	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	51052	50.378	ug/l	98
10) Methyl Iodide	2.459	142	63826	57.751	ug/l	96
11) Tert butyl alcohol	3.020	59	42880	238.107	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	47214	48.783	ug/l	91
13) Acrolein	2.239	56	48852	255.286	ug/l	97
14) Allyl chloride	2.666	41	88077	49.486	ug/l	96
15) Acrylonitrile	3.068	53	145194	261.912	ug/l	98
16) Acetone	2.386	43	164065	248.518	ug/l	95
17) Carbon Disulfide	2.514	76	116805	41.337	ug/l	98
18) Methyl Acetate	2.703	43	67872	51.714	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	169815	48.356	ug/l	99
20) Methylene Chloride	2.794	84	54655	50.108	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	50915	48.595	ug/l	96
22) Diisopropyl ether	3.757	45	178415	49.349	ug/l	94
23) Vinyl Acetate	3.721	43	740650	248.873	ug/l	98
24) 1,1-Dichloroethane	3.611	63	97527	49.949	ug/l	99
25) 2-Butanone	4.556	43	222825	259.540	ug/l	99
26) 2,2-Dichloropropane	4.477	77	75666	52.281	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	61297	51.261	ug/l	97
28) Bromochloromethane	4.897	49	39769	49.603	ug/l	96
29) Tetrahydrofuran	5.007	42	127456	249.962	ug/l	99
30) Chloroform	5.092	83	101179	49.873	ug/l	99
31) Cyclohexane	5.470	56	87114	45.623	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	88611	49.657	ug/l	99
36) 1,1-Dichloropropene	5.696	75	73310	48.334	ug/l	98
37) Ethyl Acetate	4.714	43	76025	49.551	ug/l	98
38) Carbon Tetrachloride	5.684	117	79522	50.971	ug/l	98
39) Methylcyclohexane	7.379	83	92718	50.680	ug/l	97
40) Benzene	6.037	78	214541	51.176	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	43805	50.401	ug/l	96
42) 1,2-Dichloroethane	6.086	62	78508	47.864	ug/l	98
43) Isopropyl Acetate	6.336	43	125976	50.830	ug/l	98
44) Trichloroethene	7.129	130	62688	52.698	ug/l	96
45) 1,2-Dichloropropane	7.427	63	55568	53.102	ug/l	99
46) Dibromomethane	7.580	93	38672	52.425	ug/l	99
47) Bromodichloromethane	7.824	83	79620	53.419	ug/l	99
48) Methyl methacrylate	7.690	41	63029	51.317	ug/l	96
49) 1,4-Dioxane	7.690	88	17326	859.584	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	389761	265.140	ug/l	98
52) Toluene	8.720	92	139257	54.169	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	81285	50.979	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	89965	56.198	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	56875	56.692	ug/l	98
56) Ethyl methacrylate	9.116	69	87918	57.184	ug/l	96
57) 1,3-Dichloropropane	9.311	76	95851	55.109	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	198477	246.194	ug/l	98
59) 2-Hexanone	9.433	43	301072	267.593	ug/l	97
60) Dibromochloromethane	9.525	129	62456	59.742	ug/l	100
61) 1,2-Dibromoethane	9.610	107	58829	56.275	ug/l	100
64) Tetrachloroethene	9.275	164	66732	51.779	ug/l	95
65) Chlorobenzene	10.079	112	152767	53.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57756	54.103	ug/l	99
67) Ethyl Benzene	10.195	91	275358	52.741	ug/l	99
68) m/p-Xylenes	10.305	106	210396	107.684	ug/l	98
69) o-Xylene	10.640	106	102694	54.471	ug/l	97
70) Styrene	10.652	104	171203	55.651	ug/l	99
71) Bromoform	10.799	173	41363	50.594	ug/l #	98
73) Isopropylbenzene	10.963	105	273125	52.897	ug/l	99
74) N-amyl acetate	10.841	43	101284	50.811	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	70417	50.810	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	72125m	52.004	ug/l	
77) Bromobenzene	11.201	156	63312	53.524	ug/l	96
78) n-propylbenzene	11.305	91	314781	53.462	ug/l	99
79) 2-Chlorotoluene	11.366	91	184971	51.805	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	226118	53.120	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23111	52.309	ug/l	91
82) 4-Chlorotoluene	11.457	91	211881	51.633	ug/l	97
83) tert-Butylbenzene	11.713	119	211301	53.174	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	224903	52.824	ug/l	98
85) sec-Butylbenzene	11.890	105	284564	55.363	ug/l	99
86) p-Isopropyltoluene	12.012	119	241870	56.088	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	117896	53.174	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	118328	52.727	ug/l	99
89) n-Butylbenzene	12.335	91	207337	56.027	ug/l	99
90) Hexachloroethane	12.542	117	37841	52.471	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	113169	54.012	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16349	48.810	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	75442	56.161	ug/l	99
94) Hexachlorobutadiene	13.725	225	32216	56.812	ug/l	99
95) Naphthalene	13.774	128	243087	54.252	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73895	55.935	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX026697.D
Acq On : 01 Feb 2022 11:08
Operator : JC/MD
Sample : VSTDC0050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDC0050

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