

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026573.D
 Acq On : 25 Jan 2022 16:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 06:14:48 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	101449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	164756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65826	46.449	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.900%		
35) Dibromofluoromethane	5.391	113	52240	49.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.200%		
50) Toluene-d8	8.653	98	186731	48.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.400%		
62) 4-Bromofluorobenzene	11.079	95	67414	49.497	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	46714	38.995	ug/l	99
3) Chloromethane	1.295	50	44534	40.553	ug/l	99
4) Vinyl Chloride	1.374	62	48622	42.170	ug/l	99
5) Bromomethane	1.612	94	20518	38.576	ug/l	98
6) Chloroethane	1.685	64	28388	48.689	ug/l	99
7) Trichlorofluoromethane	1.892	101	76283	41.905	ug/l	99
8) Diethyl Ether	2.136	74	28308	43.946	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	49745	44.842	ug/l	98
10) Methyl Iodide	2.459	142	65739	54.599	ug/l	98
11) Tert butyl alcohol	2.983	59	50649	256.915	ug/l	96
12) 1,1-Dichloroethene	2.325	96	47341	44.682	ug/l	94
13) Acrolein	2.239	56	55639	265.598	ug/l	100
14) Allyl chloride	2.666	41	90260	46.325	ug/l	97
15) Acrylonitrile	3.069	53	150705	248.334	ug/l	100
16) Acetone	2.386	43	145525	201.363	ug/l	96
17) Carbon Disulfide	2.514	76	123419	39.899	ug/l	100
18) Methyl Acetate	2.709	43	70400	48.999	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	176021	45.787	ug/l	99
20) Methylene Chloride	2.794	84	53360	44.688	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	51432	44.841	ug/l	98
22) Diisopropyl ether	3.764	45	181385	45.830	ug/l	97
23) Vinyl Acetate	3.727	43	783048	240.356	ug/l	98
24) 1,1-Dichloroethane	3.611	63	98357	46.016	ug/l	100
25) 2-Butanone	4.562	43	218310	232.282	ug/l	100
26) 2,2-Dichloropropane	4.483	77	72786	45.940	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	62214	47.526	ug/l	97
28) Bromochloromethane	4.904	49	44909	51.168	ug/l	98
29) Tetrahydrofuran	5.013	42	140063	250.922	ug/l	99
30) Chloroform	5.099	83	100715	45.349	ug/l	99
31) Cyclohexane	5.477	56	89522	42.828	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	89521	45.826	ug/l	100
36) 1,1-Dichloropropene	5.696	75	74782	44.524	ug/l	99
37) Ethyl Acetate	4.721	43	83917	49.391	ug/l	98
38) Carbon Tetrachloride	5.684	117	78386	45.371	ug/l	97
39) Methylcyclohexane	7.385	83	90699	44.769	ug/l	98
40) Benzene	6.044	78	214646	46.236	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48512	50.404	ug/l	97
42) 1,2-Dichloroethane	6.092	62	80310	44.215	ug/l	99
43) Isopropyl Acetate	6.348	43	133272	48.559	ug/l	98
44) Trichloroethene	7.129	130	62261	47.264	ug/l	98
45) 1,2-Dichloropropane	7.434	63	55252	47.680	ug/l	98
46) Dibromomethane	7.586	93	38275	46.855	ug/l	97
47) Bromodichloromethane	7.824	83	77549	46.985	ug/l	99
48) Methyl methacrylate	7.696	41	66608	48.972	ug/l	99
49) 1,4-Dioxane	7.684	88	23339	1045.624	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	409112	251.318	ug/l	98
52) Toluene	8.720	92	133868	47.023	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77635	44.227	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	87128	49.149	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	53487	48.145	ug/l	99
56) Ethyl methacrylate	9.116	69	85532	50.238	ug/l	97
57) 1,3-Dichloropropane	9.311	76	92099	47.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	219453	245.817	ug/l	99
59) 2-Hexanone	9.433	43	304040	244.027	ug/l	98
60) Dibromochloromethane	9.525	129	56935	49.180	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56302	48.635	ug/l	99
64) Tetrachloroethene	9.275	164	62637	47.029	ug/l	94
65) Chlorobenzene	10.079	112	137381	46.271	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	53055	48.092	ug/l	99
67) Ethyl Benzene	10.195	91	251934	46.694	ug/l	100
68) m/p-Xylenes	10.305	106	190522	94.358	ug/l	98
69) o-Xylene	10.646	106	92959	47.712	ug/l	97
70) Styrene	10.659	104	153816	48.382	ug/l	99
71) Bromoform	10.799	173	37793	44.993	ug/l #	100
73) Isopropylbenzene	10.964	105	243966	46.161	ug/l	99
74) N-amyl acetate	10.848	43	99960	48.991	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	68383	48.205	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	69465m	48.931	ug/l	
77) Bromobenzene	11.201	156	56792	46.906	ug/l	98
78) n-propylbenzene	11.305	91	280215	46.494	ug/l	99
79) 2-Chlorotoluene	11.366	91	167820	45.919	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	203487	46.702	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21188	47.370	ug/l	95
82) 4-Chlorotoluene	11.457	91	189302	45.068	ug/l	98
83) tert-Butylbenzene	11.713	119	191528	47.087	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	201016	46.125	ug/l	99
85) sec-Butylbenzene	11.890	105	251573	47.816	ug/l	100
86) p-Isopropyltoluene	12.012	119	210764	47.748	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	104875	46.211	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	105013	45.715	ug/l	98
89) n-Butylbenzene	12.335	91	180668	47.696	ug/l	99
90) Hexachloroethane	12.542	117	33099	45.155	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	102487	47.786	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17320	50.517	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	66106	48.077	ug/l	98
94) Hexachlorobutadiene	13.725	225	27191	46.845	ug/l	98
95) Naphthalene	13.780	128	235393	51.324	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67393	49.837	ug/l	99

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

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