

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027314.D
 Acq On : 04 Mar 2022 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 05 00:46:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	57944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	91311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	36990	53.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.300%			
35) Dibromofluoromethane	5.391	113	30339	53.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.060%			
50) Toluene-d8	8.653	98	109493	51.665	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.340%			
62) 4-Bromofluorobenzene	11.085	95	43268	53.188	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	25698	44.616	ug/l	100
3) Chloromethane	1.294	50	21189	39.355	ug/l	100
4) Vinyl Chloride	1.380	62	21169	39.473	ug/l	99
5) Bromomethane	1.599	94	9363	39.782	ug/l	96
6) Chloroethane	1.685	64	13553	41.155	ug/l	99
7) Trichlorofluoromethane	1.886	101	41159	49.346	ug/l	97
8) Diethyl Ether	2.136	74	12578	43.324	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	27789	47.824	ug/l	96
10) Methyl Iodide	2.453	142	32314	41.415	ug/l	98
11) Tert butyl alcohol	2.971	59	30867	227.967	ug/l	95
12) 1,1-Dichloroethene	2.319	96	25948	45.999	ug/l	91
13) Acrolein	2.239	56	29407	234.972	ug/l	99
14) Allyl chloride	2.666	41	43096	43.391	ug/l	97
15) Acrylonitrile	3.068	53	83774	241.116	ug/l	98
16) Acetone	2.386	43	70219	229.815	ug/l	94
17) Carbon Disulfide	2.514	76	60434	41.201	ug/l	99
18) Methyl Acetate	2.709	43	35709	45.278	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	94970	49.064	ug/l	98
20) Methylene Chloride	2.794	84	30145	47.600	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	28237	46.938	ug/l	95
22) Diisopropyl ether	3.770	45	87839	45.366	ug/l	94
23) Vinyl Acetate	3.727	43	390191	238.643	ug/l	95
24) 1,1-Dichloroethane	3.617	63	51906	47.422	ug/l	99
25) 2-Butanone	4.556	43	113241	232.722	ug/l	94
26) 2,2-Dichloropropane	4.483	77	38934	49.032	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	34768	49.834	ug/l	92
28) Bromochloromethane	4.904	49	22206	50.148	ug/l #	82
29) Tetrahydrofuran	5.013	42	73037	224.266	ug/l	92
30) Chloroform	5.099	83	56710	49.883	ug/l	98
31) Cyclohexane	5.477	56	45028	43.203	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	50954	51.774	ug/l	98
36) 1,1-Dichloropropene	5.696	75	39787	48.099	ug/l	97
37) Ethyl Acetate	4.721	43	42542	46.842	ug/l	96
38) Carbon Tetrachloride	5.684	117	45678	52.946	ug/l	98
39) Methylcyclohexane	7.385	83	48758	47.385	ug/l	91
40) Benzene	6.044	78	118152	48.844	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24070	48.313	ug/l	95
42) 1,2-Dichloroethane	6.092	62	44894	52.315	ug/l	99
43) Isopropyl Acetate	6.342	43	67836	48.554	ug/l	96
44) Trichloroethene	7.129	130	36413	50.321	ug/l	94
45) 1,2-Dichloropropane	7.434	63	29300	49.574	ug/l	99
46) Dibromomethane	7.586	93	22123	52.113	ug/l	93
47) Bromodichloromethane	7.824	83	44107	53.232	ug/l	98
48) Methyl methacrylate	7.696	41	34002	50.279	ug/l	93
49) 1,4-Dioxane	7.659	88	15168	992.126	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	228000	251.080	ug/l	96
52) Toluene	8.720	92	79129	51.086	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	44030	47.141	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	50401	54.492	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	32665	53.244	ug/l	98
56) Ethyl methacrylate	9.116	69	49119	51.426	ug/l	92
57) 1,3-Dichloropropane	9.311	76	52825	51.768	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	113930	247.458	ug/l	94
59) 2-Hexanone	9.433	43	171502	247.106	ug/l	95
60) Dibromochloromethane	9.525	129	36450	57.273	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34428	52.695	ug/l	98
64) Tetrachloroethene	9.275	164	35217	46.335	ug/l	95
65) Chlorobenzene	10.079	112	86630	50.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	33784	54.402	ug/l	99
67) Ethyl Benzene	10.195	91	151603	50.430	ug/l	100
68) m/p-Xylenes	10.305	106	117836	101.961	ug/l	97
69) o-Xylene	10.646	106	58237	50.208	ug/l	97
70) Styrene	10.659	104	98413	51.852	ug/l	98
71) Bromoform	10.799	173	27110	50.560	ug/l #	99
73) Isopropylbenzene	10.963	105	154424	50.912	ug/l	98
74) N-amyl acetate	10.848	43	59825	51.839	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	47001	52.464	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	44357m	51.953	ug/l	
77) Bromobenzene	11.201	156	39086	51.663	ug/l	92
78) n-propylbenzene	11.305	91	173661	50.375	ug/l	98
79) 2-Chlorotoluene	11.366	91	106793	50.553	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	134662	52.799	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13027	45.162	ug/l	93
82) 4-Chlorotoluene	11.457	91	122700	50.843	ug/l	96
83) tert-Butylbenzene	11.713	119	133966	54.019	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	132890	52.382	ug/l	98
85) sec-Butylbenzene	11.890	105	160759	51.698	ug/l	98
86) p-Isopropyltoluene	12.012	119	139200	52.510	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	73079	51.335	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	72893	50.078	ug/l	98
89) n-Butylbenzene	12.335	91	112616	50.826	ug/l	99
90) Hexachloroethane	12.542	117	22433	54.630	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	71575	51.529	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11372	54.676	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	46232	52.745	ug/l	97
94) Hexachlorobutadiene	13.725	225	19084	52.442	ug/l	98
95) Naphthalene	13.780	128	157237	52.790	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47038	53.538	ug/l	99

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

