

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026288.D
 Acq On : 04 Jan 2022 22:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 06:18:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78843	42.970	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.940%		
35) Dibromofluoromethane	5.391	113	60733	44.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.520%		
50) Toluene-d8	8.653	98	222583	43.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.220%#		
62) 4-Bromofluorobenzene	11.079	95	83389	45.891	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56617	42.504	ug/l	96
3) Chloromethane	1.294	50	57146	36.856	ug/l	97
4) Vinyl Chloride	1.373	62	61004	37.385	ug/l	99
5) Bromomethane	1.605	94	24637	24.465	ug/l	99
6) Chloroethane	1.684	64	38833	33.843	ug/l	98
7) Trichlorofluoromethane	1.892	101	98163	34.922	ug/l	97
8) Diethyl Ether	2.135	74	35898	37.175	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	60311	40.699	ug/l	98
10) Methyl Iodide	2.459	142	51317	26.779	ug/l	100
11) Tert butyl alcohol	2.958	59	70718	192.968	ug/l	98
12) 1,1-Dichloroethene	2.324	96	59057	42.051	ug/l	95
13) Acrolein	2.239	56	26749	204.121	ug/l	100
14) Allyl chloride	2.666	41	110790	39.918	ug/l	96
15) Acrylonitrile	3.062	53	180874	199.344	ug/l	99
16) Acetone	2.379	43	167684	168.673	ug/l	97
17) Carbon Disulfide	2.513	76	167788	41.628	ug/l	99
18) Methyl Acetate	2.702	43	127648	39.585	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	222870	45.433	ug/l	100
20) Methylene Chloride	2.794	84	66685	41.796	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	63963	41.749	ug/l	90
22) Diisopropyl ether	3.763	45	227183	42.887	ug/l	92
23) Vinyl Acetate	3.727	43	904803	215.105	ug/l	98
24) 1,1-Dichloroethane	3.611	63	122101	42.533	ug/l	98
25) 2-Butanone	4.556	43	263653	190.387	ug/l	99
26) 2,2-Dichloropropane	4.483	77	93486	43.221	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	75010	43.035	ug/l	94
28) Bromochloromethane	4.903	49	52784	41.484	ug/l	94
29) Tetrahydrofuran	5.007	42	169863	194.606	ug/l	97
30) Chloroform	5.098	83	127430	41.968	ug/l	98
31) Cyclohexane	5.476	56	109557	41.928	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	115039	43.581	ug/l	98
36) 1,1-Dichloropropene	5.696	75	94140	42.532	ug/l	98
37) Ethyl Acetate	4.714	43	103555	40.350	ug/l	99
38) Carbon Tetrachloride	5.684	117	98598	40.047	ug/l	98
39) Methylcyclohexane	7.385	83	106771	42.764	ug/l	94
40) Benzene	6.043	78	270684	42.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	60171	41.519	ug/l	95
42) 1,2-Dichloroethane	6.092	62	106445	41.637	ug/l	98
43) Isopropyl Acetate	6.342	43	178157	42.594	ug/l	98
44) Trichloroethene	7.128	130	76775	45.167	ug/l	94
45) 1,2-Dichloropropane	7.433	63	69599	43.075	ug/l	99
46) Dibromomethane	7.580	93	49004	40.888	ug/l	98
47) Bromodichloromethane	7.823	83	97985	40.185	ug/l	97
48) Methyl methacrylate	7.695	41	86132	42.937	ug/l	94
49) 1,4-Dioxane	7.659	88	25765	696.968	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	516948	198.603	ug/l	100
52) Toluene	8.720	92	173483	44.610	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	100784	39.285	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	109681	42.559	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	66627	41.686	ug/l	98
56) Ethyl methacrylate	9.116	69	114562	46.474	ug/l	96
57) 1,3-Dichloropropane	9.311	76	117799	43.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	285968	218.304	ug/l	97
59) 2-Hexanone	9.433	43	386077	195.812	ug/l	99
60) Dibromochloromethane	9.524	129	72718	40.162	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72459	42.370	ug/l	100
64) Tetrachloroethene	9.274	164	76730	49.542	ug/l	99
65) Chlorobenzene	10.079	112	175727	43.586	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	66203	43.092	ug/l	99
67) Ethyl Benzene	10.195	91	326752	45.326	ug/l	97
68) m/p-Xylenes	10.305	106	247995	92.134	ug/l	95
69) o-Xylene	10.646	106	119866	45.513	ug/l	94
70) Styrene	10.658	104	198735	46.030	ug/l	97
71) Bromoform	10.799	173	46838	37.581	ug/l #	100
73) Isopropylbenzene	10.963	105	309865	46.835	ug/l	98
74) N-amyl acetate	10.847	43	146444	48.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	90147	40.063	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	87535m	42.606	ug/l	
77) Bromobenzene	11.201	156	72529	46.226	ug/l	92
78) n-propylbenzene	11.305	91	356973	46.927	ug/l	98
79) 2-Chlorotoluene	11.366	91	218138	46.585	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	259207	47.210	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	22553	31.757	ug/l #	84
82) 4-Chlorotoluene	11.457	91	248439	46.979	ug/l	96
83) tert-Butylbenzene	11.713	119	241572	45.330	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	263561	48.041	ug/l	97
85) sec-Butylbenzene	11.890	105	305668	45.961	ug/l	99
86) p-Isopropyltoluene	12.012	119	259888	46.876	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135475	45.995	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	135614	42.944	ug/l	99
89) n-Butylbenzene	12.335	91	221976	45.052	ug/l	99
90) Hexachloroethane	12.542	117	38178	34.477	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	130804	42.811	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22082	38.336	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	80212	44.425	ug/l	100
94) Hexachlorobutadiene	13.725	225	32360	43.166	ug/l	98
95) Naphthalene	13.780	128	298705	45.407	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	81058	44.125	ug/l	99

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

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