

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027868.D
 Acq On : 01 Apr 2022 00:02
 Operator : JC/MD
 Sample : VX0331WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 05:07:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64912	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	110910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55569	66.348	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 132.700%			
35) Dibromofluoromethane	5.391	113	39228	54.796	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.600%			
50) Toluene-d8	8.653	98	136287	54.107	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.220%			
62) 4-Bromofluorobenzene	11.085	95	57667	53.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	13517	22.981	ug/l	97
3) Chloromethane	1.294	50	11847	22.793	ug/l	96
4) Vinyl Chloride	1.374	62	12145	22.783	ug/l	98
5) Bromomethane	1.599	94	6657	27.695	ug/l	98
6) Chloroethane	1.685	64	7767	21.615	ug/l	89
7) Trichlorofluoromethane	1.886	101	20653	22.086	ug/l	99
8) Diethyl Ether	2.136	74	7744	23.071	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	13680	22.507	ug/l	94
10) Methyl Iodide	2.453	142	14718	20.851	ug/l #	86
11) Tert butyl alcohol	2.965	59	22956	142.689	ug/l	99
12) 1,1-Dichloroethene	2.319	96	11349	20.350	ug/l #	81
13) Acrolein	2.239	56	15266	126.695	ug/l	94
14) Allyl chloride	2.666	41	23296	22.753	ug/l #	86
15) Acrylonitrile	3.068	53	49668	131.480	ug/l	98
16) Acetone	2.380	43	49646	133.937	ug/l	88
17) Carbon Disulfide	2.514	76	19502	17.095	ug/l	99
18) Methyl Acetate	2.709	43	23510	25.729	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	52841	24.869	ug/l	99
20) Methylene Chloride	2.788	84	14928	22.390	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	12100	19.990	ug/l	89
22) Diisopropyl ether	3.763	45	52601	25.635	ug/l #	80
23) Vinyl Acetate	3.727	43	227245	128.183	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	27540	23.857	ug/l	99
25) 2-Butanone	4.562	43	73983	137.171	ug/l	91
26) 2,2-Dichloropropane	4.477	77	17865	19.376	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	16322	22.362	ug/l	92
28) Bromochloromethane	4.903	49	13046	26.274	ug/l	82
29) Tetrahydrofuran	5.013	42	46611	134.538	ug/l #	84
30) Chloroform	5.099	83	30805	24.005	ug/l	89
31) Cyclohexane	5.477	56	20260	21.883	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	27227	24.528	ug/l	97
36) 1,1-Dichloropropene	5.696	75	19091	21.173	ug/l	97
37) Ethyl Acetate	4.721	43	27627	24.715	ug/l	94
38) Carbon Tetrachloride	5.684	117	22208	22.293	ug/l	97
39) Methylcyclohexane	7.385	83	20166	19.006	ug/l #	85
40) Benzene	6.037	78	56856	20.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15324	25.774	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	26101	23.905	ug/l	93
43) Isopropyl Acetate	6.342	43	42633	23.812	ug/l #	91
44) Trichloroethene	7.129	130	15150	20.402	ug/l	90
45) 1,2-Dichloropropane	7.434	63	15790	21.510	ug/l	98
46) Dibromomethane	7.586	93	11934	21.601	ug/l	88
47) Bromodichloromethane	7.830	83	23334	21.206	ug/l	97
48) Methyl methacrylate	7.696	41	21035	22.403	ug/l #	80
49) 1,4-Dioxane	7.659	88	9162	494.305	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	149203	120.131	ug/l	88
52) Toluene	8.720	92	36456	21.181	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	21849	19.813	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	23366	20.122	ug/l #	83
55) 1,1,2-Trichloroethane	9.159	97	16725	21.908	ug/l	99
56) Ethyl methacrylate	9.116	69	26249	21.710	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	27421	21.345	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	61565	101.992	ug/l	96
59) 2-Hexanone	9.433	43	116303	121.615	ug/l	84
60) Dibromochloromethane	9.525	129	16562	20.924	ug/l	96
61) 1,2-Dibromoethane	9.610	107	16763	21.015	ug/l	100
64) Tetrachloroethene	9.275	164	13919	20.196	ug/l	95
65) Chlorobenzene	10.079	112	41101	20.534	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	15934	21.214	ug/l	96
67) Ethyl Benzene	10.195	91	74751	20.579	ug/l	100
68) m/p-Xylenes	10.305	106	54501	40.796	ug/l	87
69) o-Xylene	10.646	106	27043	20.725	ug/l	85
70) Styrene	10.659	104	46837	21.118	ug/l #	92
71) Bromoform	10.805	173	11007	19.779	ug/l #	97
73) Isopropylbenzene	10.963	105	74957	21.241	ug/l	97
74) N-amyl acetate	10.848	43	35125	22.097	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	26587	22.187	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	25504m	22.939	ug/l	
77) Bromobenzene	11.201	156	17353	21.569	ug/l	84
78) n-propylbenzene	11.305	91	85356	20.246	ug/l	97
79) 2-Chlorotoluene	11.366	91	55620	20.993	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	63799	20.835	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	6380	19.542	ug/l #	72
82) 4-Chlorotoluene	11.457	91	63205	20.788	ug/l	94
83) tert-Butylbenzene	11.719	119	62039	20.952	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	64672	21.182	ug/l	96
85) sec-Butylbenzene	11.890	105	78017	21.351	ug/l	98
86) p-Isopropyltoluene	12.012	119	63688	20.954	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	32667	20.627	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	32455	19.893	ug/l	94
89) n-Butylbenzene	12.335	91	54955	20.108	ug/l	96
90) Hexachloroethane	12.542	117	9457	19.374	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	32548	20.806	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5861	20.317	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	19630	20.519	ug/l	96
94) Hexachlorobutadiene	13.725	225	9621	23.203	ug/l	92
95) Naphthalene	13.780	128	77426	23.179	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21199	22.619	ug/l	95

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

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