

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX027990.D
 Acq On : 06 Apr 2022 12:07
 Operator : JC/MD
 Sample : VX0406WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 08:03:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47934	47.414	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.820%		
35) Dibromofluoromethane	5.391	113	42597	50.626	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.260%		
50) Toluene-d8	8.646	98	152806	49.706	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	62690	51.856	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18247	20.208	ug/l	98
3) Chloromethane	1.294	50	15100	19.451	ug/l	99
4) Vinyl Chloride	1.373	62	15705	18.886	ug/l	99
5) Bromomethane	1.605	94	10563	32.037	ug/l	99
6) Chloroethane	1.684	64	9575	20.143	ug/l	97
7) Trichlorofluoromethane	1.885	101	26781	20.293	ug/l	100
8) Diethyl Ether	2.129	74	8678	19.507	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.330	101	15408	19.221	ug/l	96
10) Methyl Iodide	2.452	142	15895	17.378	ug/l #	90
11) Tert butyl alcohol	2.958	59	19431	105.060	ug/l	99
12) 1,1-Dichloroethene	2.318	96	14172	18.550	ug/l	96
13) Acrolein	2.233	56	15882	94.831	ug/l	94
14) Allyl chloride	2.666	41	25760	22.231	ug/l #	90
15) Acrylonitrile	3.062	53	47182	106.700	ug/l	99
16) Acetone	2.373	43	44463	117.545	ug/l	93
17) Carbon Disulfide	2.513	76	37404	18.258	ug/l	100
18) Methyl Acetate	2.702	43	22167	22.650	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	50895	20.324	ug/l	98
20) Methylene Chloride	2.788	84	16495	19.452	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	15010	17.793	ug/l	85
22) Diisopropyl ether	3.757	45	50583	21.878	ug/l #	77
23) Vinyl Acetate	3.720	43	226102	112.606	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	29008	20.648	ug/l	96
25) 2-Butanone	4.556	43	68070	110.160	ug/l	92
26) 2,2-Dichloropropane	4.476	77	22344	20.480	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	17652	18.097	ug/l	92
28) Bromochloromethane	4.897	49	12652	22.693	ug/l	91
29) Tetrahydrofuran	5.001	42	44788	112.325	ug/l	87
30) Chloroform	5.098	83	32188	20.766	ug/l	99
31) Cyclohexane	5.470	56	26798	20.472	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	27177	19.505	ug/l	99
36) 1,1-Dichloropropene	5.690	75	20670	18.685	ug/l	98
37) Ethyl Acetate	4.714	43	26386	23.380	ug/l	96
38) Carbon Tetrachloride	5.677	117	22448	18.259	ug/l	97
39) Methylcyclohexane	7.378	83	26868	19.406	ug/l	91
40) Benzene	6.037	78	61989	19.487	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	14064	23.590	ug/l	90
42) 1,2-Dichloroethane	6.086	62	22328	19.322	ug/l	97
43) Isopropyl Acetate	6.336	43	37642	21.476	ug/l	94
44) Trichloroethene	7.128	130	17711	18.657	ug/l	96
45) 1,2-Dichloropropane	7.433	63	16379	21.377	ug/l	97
46) Dibromomethane	7.586	93	12570	20.108	ug/l	91
47) Bromodichloromethane	7.823	83	24246	21.060	ug/l	98
48) Methyl methacrylate	7.695	41	20252	24.085	ug/l #	82
49) 1,4-Dioxane	7.659	88	8587	380.794	ug/l #	92
51) 4-Methyl-2-Pentanone	8.573	43	133890	116.599	ug/l	90
52) Toluene	8.720	92	40492	19.134	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	23998	20.623	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	25796	20.232	ug/l #	83
55) 1,1,2-Trichloroethane	9.152	97	17236	19.848	ug/l	96
56) Ethyl methacrylate	9.116	69	26006	20.481	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	28405	20.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	67076	108.199	ug/l	95
59) 2-Hexanone	9.433	43	102385	115.337	ug/l	87
60) Dibromochloromethane	9.524	129	17745	18.917	ug/l	96
61) 1,2-Dibromoethane	9.610	107	17987	19.587	ug/l	98
64) Tetrachloroethene	9.274	164	16639	18.398	ug/l	95
65) Chlorobenzene	10.079	112	43998	18.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	16247	18.379	ug/l	99
67) Ethyl Benzene	10.195	91	80127	19.292	ug/l	100
68) m/p-Xylenes	10.305	106	60864	37.288	ug/l	91
69) o-Xylene	10.640	106	29659	18.777	ug/l	91
70) Styrene	10.658	104	50184	19.037	ug/l	94
71) Bromoform	10.798	173	12612	17.543	ug/l #	99
73) Isopropylbenzene	10.963	105	79397	19.558	ug/l	97
74) N-amyl acetate	10.841	43	32376	22.880	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	26337	19.715	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	24978m	20.921	ug/l	
77) Bromobenzene	11.201	156	18590	17.475	ug/l	90
78) n-propylbenzene	11.304	91	94202	20.345	ug/l	98
79) 2-Chlorotoluene	11.365	91	58828	20.213	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	70368	20.169	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	6602	17.433	ug/l #	70
82) 4-Chlorotoluene	11.457	91	68014	20.457	ug/l	97
83) tert-Butylbenzene	11.719	119	64969	18.503	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	69918	19.791	ug/l	96
85) sec-Butylbenzene	11.890	105	84244	19.620	ug/l	99
86) p-Isopropyltoluene	12.012	119	69572	19.066	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	35913	18.083	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	36691	18.319	ug/l	96
89) n-Butylbenzene	12.335	91	62003	20.073	ug/l	96
90) Hexachloroethane	12.542	117	10998	18.924	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	35417	18.325	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	6623	21.160	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	21557	17.217	ug/l	96
94) Hexachlorobutadiene	13.725	225	10122	16.916	ug/l	96
95) Naphthalene	13.780	128	75744	18.588	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21679	17.721	ug/l	94

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

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