

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029934.D
 Acq On : 06 Jul 2022 11:16
 Operator : JC/MD
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 02:32:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	201249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	128742	50.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.080%			
35) Dibromofluoromethane	5.391	113	117877	54.314	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.620%			
50) Toluene-d8	8.653	98	457307	56.168	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.340%			
62) 4-Bromofluorobenzene	11.085	95	163979	56.976	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	43399	22.114	ug/l	97
3) Chloromethane	1.288	50	44401	19.636	ug/l	92
4) Vinyl Chloride	1.374	62	47662	21.193	ug/l	98
5) Bromomethane	1.612	94	22559	18.206	ug/l	94
6) Chloroethane	1.685	64	26587	18.087	ug/l	90
7) Trichlorofluoromethane	1.886	101	62528	21.659	ug/l	98
8) Diethyl Ether	2.136	74	26040	20.123	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	42761	21.186	ug/l	98
10) Methyl Iodide	2.453	142	34511	13.885	ug/l	100
11) Tert butyl alcohol	2.989	59	65206	97.874	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42866	20.682	ug/l	94
13) Acrolein	2.239	56	18832	56.264	ug/l	95
14) Allyl chloride	2.666	41	75953	19.857	ug/l	100
15) Acrylonitrile	3.069	53	158135	101.672	ug/l	99
16) Acetone	2.386	43	121959	97.857	ug/l	98
17) Carbon Disulfide	2.514	76	97141	18.849	ug/l	97
18) Methyl Acetate	2.709	43	76266	19.849	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	142906	20.423	ug/l	94
20) Methylene Chloride	2.788	84	50972	19.366	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	45425	19.983	ug/l	98
22) Diisopropyl ether	3.757	45	157562	20.384	ug/l	89
23) Vinyl Acetate	3.721	43	667652	99.871	ug/l	99
24) 1,1-Dichloroethane	3.611	63	82425	20.220	ug/l	98
25) 2-Butanone	4.562	43	212955	98.446	ug/l	97
26) 2,2-Dichloropropane	4.477	77	58788	21.973	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	54507	20.308	ug/l	98
28) Bromochloromethane	4.904	49	33824	20.703	ug/l	95
29) Tetrahydrofuran	5.007	42	142839	100.340	ug/l	99
30) Chloroform	5.093	83	82568	20.656	ug/l	97
31) Cyclohexane	5.471	56	73225	20.616	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	66217	20.803	ug/l	99
36) 1,1-Dichloropropene	5.696	75	59484	20.608	ug/l	98
37) Ethyl Acetate	4.715	43	80479	20.385	ug/l	98
38) Carbon Tetrachloride	5.678	117	54886	21.944	ug/l	97
39) Methylcyclohexane	7.385	83	78680	22.544	ug/l	98
40) Benzene	6.044	78	195989	20.998	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42985	20.482	ug/l	98
42) 1,2-Dichloroethane	6.092	62	61525	21.478	ug/l	99
43) Isopropyl Acetate	6.348	43	121315	20.407	ug/l	99
44) Trichloroethene	7.129	130	51377	20.439	ug/l	97
45) 1,2-Dichloropropane	7.434	63	51210	20.769	ug/l	98
46) Dibromomethane	7.586	93	34695	21.510	ug/l	98
47) Bromodichloromethane	7.824	83	61750	21.358	ug/l	100
48) Methyl methacrylate	7.696	41	58981	20.925	ug/l	99
49) 1,4-Dioxane	7.690	88	28047	420.215	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	410566	104.734	ug/l	100
52) Toluene	8.720	92	121503	21.573	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	65659	21.311	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	76014	21.833	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	50983	20.777	ug/l	96
56) Ethyl methacrylate	9.116	69	79687	20.597	ug/l	99
57) 1,3-Dichloropropane	9.311	76	82374	20.866	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	167140	90.537	ug/l	99
59) 2-Hexanone	9.433	43	318419	104.668	ug/l	100
60) Dibromochloromethane	9.525	129	45715	21.086	ug/l	98
61) 1,2-Dibromoethane	9.610	107	53731	21.428	ug/l	95
64) Tetrachloroethene	9.275	164	47697	25.729	ug/l	96
65) Chlorobenzene	10.080	112	129673	21.018	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	43998	21.343	ug/l	99
67) Ethyl Benzene	10.195	91	226286	21.087	ug/l	97
68) m/p-Xylenes	10.305	106	181793	44.170	ug/l	96
69) o-Xylene	10.647	106	88456	21.219	ug/l	99
70) Styrene	10.659	104	145235	21.076	ug/l	99
71) Bromoform	10.799	173	32136	21.855	ug/l #	97
73) Isopropylbenzene	10.964	105	222930	20.826	ug/l	99
74) N-amyl acetate	10.842	43	101214	19.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	80104	19.009	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	71724m	20.254	ug/l	
77) Bromobenzene	11.201	156	53964	20.960	ug/l	96
78) n-propylbenzene	11.305	91	266089	21.077	ug/l	99
79) 2-Chlorotoluene	11.366	91	159550	21.257	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	187697	21.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23535	21.106	ug/l	95
82) 4-Chlorotoluene	11.457	91	177111	20.712	ug/l	99
83) tert-Butylbenzene	11.719	119	186110	21.133	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	192402	21.614	ug/l	100
85) sec-Butylbenzene	11.890	105	242102	21.816	ug/l	99
86) p-Isopropyltoluene	12.012	119	196236	22.155	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	104529	21.146	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	105347	20.886	ug/l	99
89) n-Butylbenzene	12.335	91	181819	21.837	ug/l	99
90) Hexachloroethane	12.543	117	30963	21.429	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	103723	21.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18446	20.947	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	62339	21.183	ug/l	98
94) Hexachlorobutadiene	13.725	225	24823	22.802	ug/l	97
95) Naphthalene	13.774	128	254238	21.278	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64320	21.349	ug/l	99

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

