

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030365.D
 Acq On : 03 Aug 2022 13:03
 Operator : JC/MD
 Sample : VX0803WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 03 15:53:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	94018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	159400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108575	57.456	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.920%
35) Dibromofluoromethane	5.391	113	80573	52.877	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.760%
50) Toluene-d8	8.653	98	278159	47.137	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.280%
62) 4-Bromofluorobenzene	11.085	95	109746	50.111	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.220%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	29037	18.822	ug/l	100
3) Chloromethane	1.288	50	23913	15.675	ug/l	99
4) Vinyl Chloride	1.374	62	26793	17.401	ug/l	95
5) Bromomethane	1.605	94	12851	20.384	ug/l	95
6) Chloroethane	1.684	64	16916	19.133	ug/l	91
7) Trichlorofluoromethane	1.886	101	43838	21.609	ug/l	93
8) Diethyl Ether	2.136	74	16787	21.132	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	28441	18.928	ug/l	96
10) Methyl Iodide	2.453	142	18874	14.021	ug/l	93
11) Tert butyl alcohol	2.983	59	64573	140.086	ug/l	98
12) 1,1-Dichloroethene	2.319	96	24261	16.519	ug/l #	79
13) Acrolein	2.239	56	5202	45.915	ug/l	97
14) Allyl chloride	2.666	41	53097	17.519	ug/l	92
15) Acrylonitrile	3.068	53	107470	94.345	ug/l	96
16) Acetone	2.386	43	102631	106.081	ug/l	89
17) Carbon Disulfide	2.514	76	56818	14.331	ug/l #	94
18) Methyl Acetate	2.709	43	59621	20.835	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	105364	20.943	ug/l	97
20) Methylene Chloride	2.788	84	33454	18.580	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	27640	17.050	ug/l	89
22) Diisopropyl ether	3.769	45	113533	19.799	ug/l	90
23) Vinyl Acetate	3.727	43	499760	100.470	ug/l	98
24) 1,1-Dichloroethane	3.611	63	58718	19.270	ug/l	96
25) 2-Butanone	4.568	43	165505	101.800	ug/l	93
26) 2,2-Dichloropropane	4.477	77	45785	20.780	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	35185	18.457	ug/l	93
28) Bromochloromethane	4.903	49	26119	20.290	ug/l	95
29) Tetrahydrofuran	5.019	42	105855	96.770	ug/l	94
30) Chloroform	5.098	83	62169	20.606	ug/l	95
31) Cyclohexane	5.476	56	46075	16.793	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	50690	20.670	ug/l	98
36) 1,1-Dichloropropene	5.702	75	39864	18.179	ug/l	95
37) Ethyl Acetate	4.727	43	61095	19.674	ug/l	96
38) Carbon Tetrachloride	5.684	117	43869	21.429	ug/l	97
39) Methylcyclohexane	7.385	83	47906	16.925	ug/l	90
40) Benzene	6.043	78	121735	17.644	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34137	20.507	ug/l	93
42) 1,2-Dichloroethane	6.092	62	52042	21.829	ug/l	95
43) Isopropyl Acetate	6.348	43	96077	21.105	ug/l	95
44) Trichloroethene	7.129	130	32789	17.392	ug/l	92
45) 1,2-Dichloropropane	7.433	63	34945	18.990	ug/l	96
46) Dibromomethane	7.586	93	24790	19.809	ug/l	94
47) Bromodichloromethane	7.824	83	47345	20.811	ug/l	98
48) Methyl methacrylate	7.696	41	48399	21.600	ug/l	90
49) 1,4-Dioxane	7.677	88	19524	377.259	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	320962	103.853	ug/l	95
52) Toluene	8.720	92	74725	17.752	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	50656	20.657	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	54432	20.368	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	34079	19.014	ug/l	95
56) Ethyl methacrylate	9.122	69	56322	19.879	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	58330	19.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	149492	106.314	ug/l	99
59) 2-Hexanone	9.433	43	247890	101.667	ug/l	95
60) Dibromochloromethane	9.525	129	35870	21.620	ug/l	97
61) 1,2-Dibromoethane	9.610	107	36595	19.554	ug/l	97
64) Tetrachloroethene	9.275	164	31882	18.294	ug/l	92
65) Chlorobenzene	10.079	112	82172	18.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	32198	21.540	ug/l	97
67) Ethyl Benzene	10.195	91	149498	22.411	ug/l	96
68) m/p-Xylenes	10.305	106	112398	37.732	ug/l	92
69) o-Xylene	10.646	106	55742	18.986	ug/l	90
70) Styrene	10.658	104	92692	19.217	ug/l	94
71) Bromoform	10.805	173	23939	21.783	ug/l #	97
73) Isopropylbenzene	10.963	105	143729	18.236	ug/l	100
74) N-amyl acetate	10.847	43	78571	20.512	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	53848	18.666	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	52370m	19.679	ug/l	
77) Bromobenzene	11.201	156	34199	18.487	ug/l	95
78) n-propylbenzene	11.305	91	176739	18.789	ug/l	97
79) 2-Chlorotoluene	11.366	91	109712	18.469	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	127029	19.248	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	17362	19.572	ug/l	86
82) 4-Chlorotoluene	11.457	91	122299	18.843	ug/l	97
83) tert-Butylbenzene	11.719	119	118930	19.443	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	126742	19.250	ug/l	97
85) sec-Butylbenzene	11.890	105	161996	19.349	ug/l	100
86) p-Isopropyltoluene	12.012	119	131330	19.607	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	66290	18.426	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	70199	19.168	ug/l	98
89) n-Butylbenzene	12.335	91	126709	20.319	ug/l	99
90) Hexachloroethane	12.542	117	23558	20.427	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	72784	20.612	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16335	23.609	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	41559	20.294	ug/l	97
94) Hexachlorobutadiene	13.725	225	17174	20.887	ug/l	97
95) Naphthalene	13.780	128	169535	21.195	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43106	20.525	ug/l	97

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

