

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029953.D
 Acq On : 07 Jul 2022 14:07
 Operator : JC/MD
 Sample : VX0707WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2022
 Supervised By : Mahesh Dadoda 07/08/2022

Quant Time: Jul 08 05:33:45 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	201722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119669	46.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.740%			
35) Dibromofluoromethane	5.391	113	108906	50.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.140%			
50) Toluene-d8	8.653	98	403855	49.985	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	11.079	95	144250	50.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36614	18.613	ug/l	98
3) Chloromethane	1.288	50	36750	16.214	ug/l	97
4) Vinyl Chloride	1.374	62	41195	18.274	ug/l	100
5) Bromomethane	1.611	94	18016	14.505	ug/l	96
6) Chloroethane	1.684	64	23833	16.133	ug/l	92
7) Trichlorofluoromethane	1.886	101	54394	18.797	ug/l	91
8) Diethyl Ether	2.136	74	24826	19.140	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	37362	18.468	ug/l	98
10) Methyl Iodide	2.453	142	29724	12.195	ug/l	99
11) Tert butyl alcohol	2.983	59	72796	109.010	ug/l	97
12) 1,1-Dichloroethene	2.318	96	36262	17.455	ug/l	96
13) Acrolein	2.239	56	32520	100.823	ug/l	99
14) Allyl chloride	2.666	41	66787	17.420	ug/l	98
15) Acrylonitrile	3.068	53	149086	95.629	ug/l	99
16) Acetone	2.392	43	115904	92.780	ug/l	99
17) Carbon Disulfide	2.514	76	83425	16.150	ug/l	98
18) Methyl Acetate	2.709	43	73093	18.979	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	129792	18.505	ug/l	98
20) Methylene Chloride	2.788	84	46022	17.444	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	38867	17.058	ug/l	99
22) Diisopropyl ether	3.769	45	139315	17.981	ug/l	89
23) Vinyl Acetate	3.727	43	618234	92.262	ug/l	99
24) 1,1-Dichloroethane	3.611	63	73941	18.096	ug/l	99
25) 2-Butanone	4.568	43	203794	93.990	ug/l	97
26) 2,2-Dichloropropane	4.483	77	51500	19.204	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	49038	18.228	ug/l	98
28) Bromochloromethane	4.909	49	30833	18.828	ug/l	94
29) Tetrahydrofuran	5.013	42	135055	94.650	ug/l	98
30) Chloroform	5.098	83	74729	18.651	ug/l	99
31) Cyclohexane	5.476	56	64285	18.056	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	59517	18.654	ug/l	99
36) 1,1-Dichloropropene	5.696	75	52899	18.467	ug/l	99
37) Ethyl Acetate	4.727	43	74942	19.129	ug/l	98
38) Carbon Tetrachloride	5.684	117	49032	19.755	ug/l	97
39) Methylcyclohexane	7.385	83	67581	19.513	ug/l	95
40) Benzene	6.037	78	174082	18.795	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	41770	20.057	ug/l	98
42) 1,2-Dichloroethane	6.092	62	54646	19.223	ug/l	97
43) Isopropyl Acetate	6.348	43	111852	18.960	ug/l	99
44) Trichloroethene	7.129	130	46731	18.734	ug/l	98
45) 1,2-Dichloropropane	7.433	63	45427	18.566	ug/l	100
46) Dibromomethane	7.586	93	32047	20.021	ug/l	99
47) Bromodichloromethane	7.824	83	56235	19.601	ug/l	98
48) Methyl methacrylate	7.696	41	53190	19.016	ug/l	97
49) 1,4-Dioxane	7.683	88	28353	428.072	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	388469	99.861	ug/l	99
52) Toluene	8.720	92	107166	19.174	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	60213	19.694	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	67874	19.645	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	47113	19.348	ug/l	97
56) Ethyl methacrylate	9.116	69	73856	19.237	ug/l	99
57) 1,3-Dichloropropane	9.311	76	77549	19.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	164620	89.859	ug/l	99
59) 2-Hexanone	9.433	43	300703	99.606	ug/l	100
60) Dibromochloromethane	9.524	129	43296	20.124	ug/l	97
61) 1,2-Dibromoethane	9.610	107	47783	19.202	ug/l	99
64) Tetrachloroethene	9.275	164	43137	23.372	ug/l	96
65) Chlorobenzene	10.079	112	118013	19.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40864	19.911	ug/l	98
67) Ethyl Benzene	10.195	91	204477	19.139	ug/l	97
68) m/p-Xylenes	10.305	106	161276	39.359	ug/l	97
69) o-Xylene	10.640	106	78659	18.952	ug/l	99
70) Styrene	10.658	104	131303	19.139	ug/l	100
71) Bromoform	10.799	173	30371	20.746	ug/l #	98
73) Isopropylbenzene	10.963	105	201838	19.113	ug/l	99
74) N-amyl acetate	10.841	43	92828	17.754	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	75505	18.161	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	69699m	19.950	ug/l	
77) Bromobenzene	11.201	156	48991	19.288	ug/l	97
78) n-propylbenzene	11.305	91	239602	19.238	ug/l	100
79) 2-Chlorotoluene	11.366	91	141672	19.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	168931	19.269	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22857	20.777	ug/l	98
82) 4-Chlorotoluene	11.457	91	156012	18.493	ug/l	99
83) tert-Butylbenzene	11.713	119	164834	18.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	168031	19.133	ug/l	100
85) sec-Butylbenzene	11.890	105	217569	19.872	ug/l	99
86) p-Isopropyltoluene	12.012	119	173453	19.849	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	91925	18.849	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	94933	19.078	ug/l	99
89) n-Butylbenzene	12.335	91	155824	18.970	ug/l	99
90) Hexachloroethane	12.542	117	27367	19.198	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	93671	19.552	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16643	19.157	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	57083	19.661	ug/l	98
94) Hexachlorobutadiene	13.725	225	21580	20.093	ug/l	97
95) Naphthalene	13.774	128	228972	19.425	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58211	19.584	ug/l	98

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

