

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036425.D
 Acq On : 06 Jul 2023 11:03
 Operator : JC/MD
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2023
 Supervised By : Mahesh Dadoda 07/07/2023

Quant Time: Jul 07 01:43:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	190810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155420	56.824	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.640%			
35) Dibromofluoromethane	5.385	113	126658	56.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.980%			
50) Toluene-d8	8.653	98	442585	53.319	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.640%			
62) 4-Bromofluorobenzene	11.079	95	160903	55.032	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29230	16.181	ug/l	95
3) Chloromethane	1.301	50	46428	14.816	ug/l	96
4) Vinyl Chloride	1.374	62	88098	25.715	ug/l	98
5) Bromomethane	1.618	94	46922	18.717	ug/l	100
6) Chloroethane	1.691	64	47631	18.938	ug/l	99
7) Trichlorofluoromethane	1.886	101	84541	16.231	ug/l	98
8) Diethyl Ether	2.136	74	38469	19.132	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	38483	17.604	ug/l	98
10) Methyl Iodide	2.453	142	51254	19.350	ug/l	93
11) Tert butyl alcohol	3.008	59	69357	139.307	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	39099	18.030	ug/l	90
13) Acrolein	2.239	56	64093	93.737	ug/l	97
14) Allyl chloride	2.666	41	75466	21.414	ug/l	97
15) Acrylonitrile	3.069	53	143142	113.428	ug/l	99
16) Acetone	2.392	43	129892	111.107	ug/l	95
17) Carbon Disulfide	2.514	76	81724	15.345	ug/l	99
18) Methyl Acetate	2.709	43	113739	23.659	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	163013	23.261	ug/l	100
20) Methylene Chloride	2.794	84	51449	20.439	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	44431	19.201	ug/l	89
22) Diisopropyl ether	3.757	45	161942	22.933	ug/l	98
23) Vinyl Acetate	3.721	43	593553	115.825	ug/l	98
24) 1,1-Dichloroethane	3.611	63	89589	21.527	ug/l	97
25) 2-Butanone	4.562	43	198503	118.176	ug/l	99
26) 2,2-Dichloropropane	4.477	77	70397	23.851	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	56522	21.780	ug/l	92
28) Bromochloromethane	4.904	49	50997	23.628	ug/l	90
29) Tetrahydrofuran	5.013	42	124799	116.698	ug/l	94
30) Chloroform	5.093	83	95084	22.684	ug/l	98
31) Cyclohexane	5.471	56	57402	16.377	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	75024	21.427	ug/l	97
36) 1,1-Dichloropropene	5.690	75	60310	18.205	ug/l	98
37) Ethyl Acetate	4.715	43	76022	22.515	ug/l	97
38) Carbon Tetrachloride	5.678	117	60314	19.934	ug/l	97
39) Methylcyclohexane	7.379	83	63890	16.102	ug/l	92
40) Benzene	6.038	78	192923	20.847	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43092	23.006	ug/l	93
42) 1,2-Dichloroethane	6.092	62	76957	21.863	ug/l	99
43) Isopropyl Acetate	6.342	43	123960	23.014	ug/l	97
44) Trichloroethene	7.129	130	51351	19.950	ug/l	97
45) 1,2-Dichloropropane	7.434	63	53691	21.303	ug/l	96
46) Dibromomethane	7.580	93	38180	21.520	ug/l	95
47) Bromodichloromethane	7.824	83	70040	21.831	ug/l	94
48) Methyl methacrylate	7.690	41	60397	22.489	ug/l	93
49) 1,4-Dioxane	7.702	88	28245	474.408	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	402221	115.906	ug/l	98
52) Toluene	8.720	92	119860	20.437	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	74677	23.042	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	81788	22.324	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	54877	22.515	ug/l	97
56) Ethyl methacrylate	9.116	69	82484	22.625	ug/l	97
57) 1,3-Dichloropropane	9.305	76	87916	21.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	244675	119.421	ug/l	100
59) 2-Hexanone	9.433	43	301586	119.008	ug/l	98
60) Dibromochloromethane	9.519	129	53929	22.773	ug/l	100
61) 1,2-Dibromoethane	9.610	107	55586	21.489	ug/l	98
64) Tetrachloroethene	9.275	164	49178	23.211	ug/l	97
65) Chlorobenzene	10.079	112	133435	21.154	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	49265	23.106	ug/l	97
67) Ethyl Benzene	10.195	91	229099	20.430	ug/l	98
68) m/p-Xylenes	10.299	106	175421	40.263	ug/l	98
69) o-Xylene	10.640	106	88179	20.958	ug/l	99
70) Styrene	10.653	104	145044	21.055	ug/l	97
71) Bromoform	10.799	173	37224	24.341	ug/l #	100
73) Isopropylbenzene	10.963	105	221607	20.601	ug/l	97
74) N-amyl acetate	10.842	43	104295	24.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	81032	22.244	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	70370m	23.112	ug/l	
77) Bromobenzene	11.195	156	55724	21.067	ug/l	94
78) n-propylbenzene	11.305	91	253016	20.140	ug/l	99
79) 2-Chlorotoluene	11.366	91	158540	21.214	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	190064	20.863	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23360	25.009	ug/l	92
82) 4-Chlorotoluene	11.451	91	177139	20.359	ug/l	95
83) tert-Butylbenzene	11.713	119	174902	20.033	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	191460	21.243	ug/l	97
85) sec-Butylbenzene	11.890	105	220437	19.930	ug/l	100
86) p-Isopropyltoluene	12.006	119	187350	20.183	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101869	20.947	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	104033	21.008	ug/l	98
89) n-Butylbenzene	12.329	91	157957	19.121	ug/l	97
90) Hexachloroethane	12.536	117	28925	20.574	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	105319	21.994	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18619	26.909	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	63925	21.673	ug/l	97
94) Hexachlorobutadiene	13.725	225	23798	19.700	ug/l	99
95) Naphthalene	13.774	128	231965	23.805	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65017	22.598	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

