

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035555.D
 Acq On : 08 May 2023 13:17
 Operator : JC/MD
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 09 03:42:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	261932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	418236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172350	54.540	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.080%			
35) Dibromofluoromethane	5.385	113	141843	55.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.520%			
50) Toluene-d8	8.647	98	498189	51.447	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.900%			
62) 4-Bromofluorobenzene	11.079	95	198024	54.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	45894	16.559	ug/l	100
3) Chloromethane	1.294	50	38585	15.304	ug/l	98
4) Vinyl Chloride	1.374	62	39133	15.475	ug/l	98
5) Bromomethane	1.617	94	26981	16.053	ug/l	100
6) Chloroethane	1.691	64	22643	15.310	ug/l	97
7) Trichlorofluoromethane	1.886	101	68368	17.289	ug/l	98
8) Diethyl Ether	2.130	74	25171	17.458	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	46429	17.579	ug/l	95
10) Methyl Iodide	2.453	142	51204	15.361	ug/l	97
11) Tert butyl alcohol	2.995	59	57892	100.615	ug/l	100
12) 1,1-Dichloroethene	2.319	96	44069	17.323	ug/l	95
13) Acrolein	2.239	56	60967	107.744	ug/l	98
14) Allyl chloride	2.666	41	82021	18.321	ug/l	97
15) Acrylonitrile	3.062	53	147168	102.265	ug/l	100
16) Acetone	2.392	43	138975	101.259	ug/l	100
17) Carbon Disulfide	2.514	76	103953	17.045	ug/l	100
18) Methyl Acetate	2.703	43	112045	21.112	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	174273	19.968	ug/l	96
20) Methylene Chloride	2.788	84	57279	18.201	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	50561	18.299	ug/l	96
22) Diisopropyl ether	3.757	45	174619	19.710	ug/l	95
23) Vinyl Acetate	3.721	43	627189	102.993	ug/l	99
24) 1,1-Dichloroethane	3.605	63	93812	18.799	ug/l	99
25) 2-Butanone	4.562	43	204284	101.976	ug/l	98
26) 2,2-Dichloropropane	4.477	77	70924	18.141	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	60374	18.589	ug/l	94
28) Bromochloromethane	4.903	49	47422	22.299	ug/l	84
29) Tetrahydrofuran	5.007	42	127727	99.462	ug/l	95
30) Chloroform	5.092	83	96816	19.218	ug/l	100
31) Cyclohexane	5.470	56	79022	17.628	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	80844	18.312	ug/l	97
36) 1,1-Dichloropropene	5.696	75	70115	17.493	ug/l	99
37) Ethyl Acetate	4.708	43	75373	20.589	ug/l	97
38) Carbon Tetrachloride	5.678	117	69104	18.161	ug/l	97
39) Methylcyclohexane	7.379	83	85194	17.461	ug/l	98
40) Benzene	6.037	78	211419	18.387	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	43761	20.862	ug/l	96
42) 1,2-Dichloroethane	6.086	62	78929	19.252	ug/l	97
43) Isopropyl Acetate	6.336	43	123963	20.152	ug/l	96
44) Trichloroethene	7.129	130	57231	18.068	ug/l	94
45) 1,2-Dichloropropane	7.427	63	54581	18.828	ug/l	99
46) Dibromomethane	7.580	93	37840	19.009	ug/l	90
47) Bromodichloromethane	7.824	83	71221	19.418	ug/l	94
48) Methyl methacrylate	7.690	41	62048	20.563	ug/l	94
49) 1,4-Dioxane	7.702	88	28847	392.203	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	388698	102.851	ug/l	97
52) Toluene	8.720	92	136370	18.710	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	76533	19.981	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84898	19.609	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	55804	19.206	ug/l	97
56) Ethyl methacrylate	9.116	69	86916	20.081	ug/l	91
57) 1,3-Dichloropropane	9.305	76	96880	19.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	226188	104.513	ug/l	93
59) 2-Hexanone	9.427	43	292351	102.972	ug/l	94
60) Dibromochloromethane	9.518	129	56345	20.240	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59510	19.868	ug/l	98
64) Tetrachloroethene	9.275	164	51752	18.043	ug/l	99
65) Chlorobenzene	10.079	112	148023	18.264	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	55131	19.546	ug/l	99
67) Ethyl Benzene	10.195	91	255904	18.233	ug/l	99
68) m/p-Xylenes	10.299	106	200655	37.310	ug/l	99
69) o-Xylene	10.640	106	98287	18.637	ug/l	98
70) Styrene	10.652	104	163441	19.114	ug/l	98
71) Bromoform	10.799	173	38420	19.583	ug/l #	98
73) Isopropylbenzene	10.963	105	257506	18.575	ug/l	100
74) N-amyl acetate	10.841	43	104818	20.119	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	84931	19.738	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	77719m	20.544	ug/l	
77) Bromobenzene	11.201	156	66140	19.193	ug/l	91
78) n-propylbenzene	11.305	91	290906	18.271	ug/l	98
79) 2-Chlorotoluene	11.366	91	179613	18.053	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	219833	18.806	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20487	17.540	ug/l	91
82) 4-Chlorotoluene	11.451	91	208699	18.677	ug/l	97
83) tert-Butylbenzene	11.713	119	213703	18.221	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	219810	18.715	ug/l	99
85) sec-Butylbenzene	11.890	105	255957	17.792	ug/l	100
86) p-Isopropyltoluene	12.012	119	221455	18.099	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120181	18.351	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	121048	17.629	ug/l	99
89) n-Butylbenzene	12.335	91	177192	17.155	ug/l	99
90) Hexachloroethane	12.536	117	33158	17.703	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	119183	18.196	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17205	19.941	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	74664	18.135	ug/l	100
94) Hexachlorobutadiene	13.725	225	29517	16.335	ug/l	99
95) Naphthalene	13.774	128	243032	19.175	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73721	17.787	ug/l	99

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

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