

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036856.D
 Acq On : 08 Aug 2023 12:02
 Operator : JC/MD
 Sample : VX0808WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

Quant Time: Aug 09 04:11:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97084	48.508	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.020%		
35) Dibromofluoromethane	5.391	113	79965	49.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	8.647	98	265311	46.622	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.240%		
62) 4-Bromofluorobenzene	11.079	95	108409	50.493	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36482	20.417	ug/l	100
3) Chloromethane	1.300	50	30281	18.632	ug/l	94
4) Vinyl Chloride	1.374	62	32210	19.466	ug/l	96
5) Bromomethane	1.599	94	18366	18.592	ug/l	97
6) Chloroethane	1.685	64	20199	25.108	ug/l	100
7) Trichlorofluoromethane	1.886	101	56635	22.164	ug/l	98
8) Diethyl Ether	2.136	74	20390	20.625	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	32339	21.065	ug/l	98
10) Methyl Iodide	2.453	142	34508	21.641	ug/l	95
11) Tert butyl alcohol	2.965	59	51791	109.305	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	30464	20.114	ug/l	87
13) Acrolein	2.239	56	31845	117.766	ug/l	100
14) Allyl chloride	2.666	41	51477	17.260	ug/l #	94
15) Acrylonitrile	3.068	53	96932	101.726	ug/l	99
16) Acetone	2.380	43	83885	101.005	ug/l	92
17) Carbon Disulfide	2.514	76	79215	18.950	ug/l	99
18) Methyl Acetate	2.703	43	68455	19.593	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	117860	20.708	ug/l	99
20) Methylene Chloride	2.794	84	36313	19.660	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	33598	19.848	ug/l	90
22) Diisopropyl ether	3.763	45	104861	18.517	ug/l #	90
23) Vinyl Acetate	3.721	43	418609	96.369	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	61533	19.381	ug/l	97
25) 2-Butanone	4.562	43	135266	100.387	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	54789	18.314	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	40312	20.050	ug/l	93
28) Bromochloromethane	4.897	49	30881	20.111	ug/l	85
29) Tetrahydrofuran	5.007	42	86460	99.525	ug/l	89
30) Chloroform	5.099	83	66549	20.488	ug/l	95
31) Cyclohexane	5.470	56	51281	18.506	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	59503	19.992	ug/l	98
36) 1,1-Dichloropropene	5.696	75	47434	19.832	ug/l	97
37) Ethyl Acetate	4.721	43	52722	19.475	ug/l	97
38) Carbon Tetrachloride	5.678	117	52038	20.465	ug/l	97
39) Methylcyclohexane	7.379	83	52901	17.787	ug/l	93
40) Benzene	6.037	78	138314	19.876	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27775	19.183	ug/l	91
42) 1,2-Dichloroethane	6.086	62	54653	21.481	ug/l	97
43) Isopropyl Acetate	6.342	43	88535	18.999	ug/l #	95
44) Trichloroethene	7.129	130	37167	20.433	ug/l	96
45) 1,2-Dichloropropane	7.433	63	35701	19.215	ug/l	99
46) Dibromomethane	7.580	93	27568	21.201	ug/l	97
47) Bromodichloromethane	7.824	83	53485	20.039	ug/l	100
48) Methyl methacrylate	7.696	41	41905	19.336	ug/l	90
49) 1,4-Dioxane	7.659	88	20989	479.412	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	263451	102.159	ug/l	94
52) Toluene	8.720	92	90392	20.730	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	58387	19.354	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	61668	19.372	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	37997	20.731	ug/l	96
56) Ethyl methacrylate	9.116	69	60292	20.201	ug/l	93
57) 1,3-Dichloropropane	9.311	76	63874	20.923	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	141007	95.883	ug/l	95
59) 2-Hexanone	9.433	43	200267	104.637	ug/l	93
60) Dibromochloromethane	9.518	129	41396	20.548	ug/l	99
61) 1,2-Dibromoethane	9.610	107	41273	21.727	ug/l	100
64) Tetrachloroethene	9.275	164	34397	21.588	ug/l	96
65) Chlorobenzene	10.079	112	95983	20.385	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	36470	20.039	ug/l	97
67) Ethyl Benzene	10.195	91	173383	20.157	ug/l	99
68) m/p-Xylenes	10.299	106	133271	41.525	ug/l	99
69) o-Xylene	10.640	106	65393	20.413	ug/l	100
70) Styrene	10.659	104	107409	20.322	ug/l	98
71) Bromoform	10.799	173	28827	19.567	ug/l #	100
73) Isopropylbenzene	10.963	105	167196	18.895	ug/l	98
74) N-amyl acetate	10.841	43	72906	17.669	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	58181	19.468	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	49137m	19.539	ug/l	
77) Bromobenzene	11.195	156	39497	19.600	ug/l	96
78) n-propylbenzene	11.305	91	191069	18.671	ug/l	99
79) 2-Chlorotoluene	11.366	91	119836	19.325	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	140368	18.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18559	16.727	ug/l	88
82) 4-Chlorotoluene	11.457	91	139767	19.782	ug/l	100
83) tert-Butylbenzene	11.713	119	138652	19.066	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	142668	19.271	ug/l	98
85) sec-Butylbenzene	11.890	105	161843	17.845	ug/l	99
86) p-Isopropyltoluene	12.012	119	137821	18.469	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	74550	19.975	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	76474	20.647	ug/l	99
89) n-Butylbenzene	12.335	91	115713	17.322	ug/l	99
90) Hexachloroethane	12.536	117	24179	15.982	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	74340	20.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13808	19.882	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	43402	19.560	ug/l	97
94) Hexachlorobutadiene	13.725	225	16890	18.399	ug/l	97
95) Naphthalene	13.774	128	166552	21.539	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44391	20.298	ug/l	99

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

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