

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036765.D
 Acq On : 02 Aug 2023 13:06
 Operator : JC/MD
 Sample : VX0802WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2023
 Supervised By : Semsettin Yesilyurt 08/03/2023

Quant Time: Aug 03 07:27:47 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	5.549	168	148168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100404	45.797	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.600%		
35) Dibromofluoromethane	5.385	113	83264	47.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.020%		
50) Toluene-d8	8.646	98	284161	45.725	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.440%#		
62) 4-Bromofluorobenzene	11.079	95	110744	47.232	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31711	16.201	ug/l	97
3) Chloromethane	1.300	50	28093	15.780	ug/l	96
4) Vinyl Chloride	1.373	62	31488	17.372	ug/l	97
5) Bromomethane	1.599	94	16882	15.601	ug/l	98
6) Chloroethane	1.684	64	20108	22.818	ug/l	97
7) Trichlorofluoromethane	1.885	101	56137	20.055	ug/l	98
8) Diethyl Ether	2.135	74	20887	19.288	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.330	101	32231	19.166	ug/l	99
10) Methyl Iodide	2.452	142	30201	17.290	ug/l	94
11) Tert butyl alcohol	2.958	59	54577	105.152	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	29312	17.667	ug/l	90
13) Acrolein	2.239	56	27520	92.907	ug/l	98
14) Allyl chloride	2.666	41	55081	16.860	ug/l	94
15) Acrylonitrile	3.068	53	102184	97.897	ug/l	99
16) Acetone	2.379	43	87736	96.440	ug/l	91
17) Carbon Disulfide	2.513	76	70023	15.292	ug/l	99
18) Methyl Acetate	2.702	43	73974	19.329	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	122411	19.634	ug/l	100
20) Methylene Chloride	2.794	84	37550	18.559	ug/l	90
21) trans-1,2-Dichloroethene	3.092	96	32762	17.668	ug/l	92
22) Diisopropyl ether	3.763	45	114274	18.422	ug/l	88
23) Vinyl Acetate	3.720	43	442658	93.029	ug/l	96
24) 1,1-Dichloroethane	3.611	63	64155	18.446	ug/l	99
25) 2-Butanone	4.556	43	143390	97.147	ug/l	93
26) 2,2-Dichloropropane	4.476	77	56857	17.350	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	41169	18.693	ug/l	94
28) Bromochloromethane	4.897	49	37212	22.123	ug/l	91
29) Tetrahydrofuran	5.007	42	89759	94.323	ug/l	91
30) Chloroform	5.092	83	69043	19.404	ug/l	99
31) Cyclohexane	5.470	56	50968	16.791	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	61256	18.788	ug/l	98
36) 1,1-Dichloropropene	5.696	75	47009	17.997	ug/l	98
37) Ethyl Acetate	4.720	43	55046	18.619	ug/l	97
38) Carbon Tetrachloride	5.677	117	52470	18.895	ug/l	97
39) Methylcyclohexane	7.378	83	57424	17.680	ug/l	93
40) Benzene	6.037	78	141236	18.585	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	30353	19.196	ug/l	92
42) 1,2-Dichloroethane	6.086	62	54262	19.529	ug/l	96
43) Isopropyl Acetate	6.342	43	93391	18.351	ug/l	96
44) Trichloroethene	7.122	130	37668	18.963	ug/l	93
45) 1,2-Dichloropropane	7.427	63	37566	18.514	ug/l	97
46) Dibromomethane	7.579	93	27796	19.574	ug/l	96
47) Bromodichloromethane	7.823	83	55315	18.977	ug/l	98
48) Methyl methacrylate	7.689	41	43222	18.263	ug/l	89
49) 1,4-Dioxane	7.659	88	20492	428.601	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	280654	99.655	ug/l	95
52) Toluene	8.720	92	90024	18.906	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	60743	18.438	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	63214	18.184	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	39625	19.796	ug/l	98
56) Ethyl methacrylate	9.116	69	63169	19.380	ug/l	94
57) 1,3-Dichloropropane	9.305	76	67012	20.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	157236	97.905	ug/l	97
59) 2-Hexanone	9.427	43	212150	101.501	ug/l	93
60) Dibromochloromethane	9.518	129	43405	19.729	ug/l	100
61) 1,2-Dibromoethane	9.610	107	41852	20.174	ug/l	99
64) Tetrachloroethene	9.274	164	32675	19.072	ug/l	98
65) Chlorobenzene	10.079	112	99218	19.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	38908	19.882	ug/l	98
67) Ethyl Benzene	10.195	91	177013	19.138	ug/l	99
68) m/p-Xylenes	10.299	106	134032	38.838	ug/l	98
69) o-Xylene	10.640	106	66909	19.423	ug/l	98
70) Styrene	10.652	104	110053	19.364	ug/l	98
71) Bromoform	10.798	173	30805	19.446	ug/l #	100
73) Isopropylbenzene	10.963	105	175944	19.007	ug/l	98
74) N-amyl acetate	10.841	43	78013	18.072	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	60207	19.257	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	50453m	19.177	ug/l	
77) Bromobenzene	11.201	156	41045	19.470	ug/l	94
78) n-propylbenzene	11.304	91	201055	18.780	ug/l	100
79) 2-Chlorotoluene	11.365	91	120783	18.619	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	148004	19.112	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19553	16.845	ug/l	87
82) 4-Chlorotoluene	11.451	91	140112	18.956	ug/l	99
83) tert-Butylbenzene	11.713	119	147557	19.396	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	147945	19.103	ug/l	98
85) sec-Butylbenzene	11.890	105	183319	19.322	ug/l	100
86) p-Isopropyltoluene	12.006	119	153385	19.648	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	75752	19.401	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	77126	19.904	ug/l	100
89) n-Butylbenzene	12.335	91	131477	18.813	ug/l	99
90) Hexachloroethane	12.536	117	28277	17.867	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	75886	20.141	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	13282	18.281	ug/l	86
93) 1,2,4-Trichlorobenzene	13.584	180	44876	19.332	ug/l	97
94) Hexachlorobutadiene	13.725	225	18631	19.400	ug/l	97
95) Naphthalene	13.773	128	159772	19.751	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	45728	19.987	ug/l	99

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

