

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037914.D
 Acq On : 27 Sep 2023 11:04
 Operator : JC/MD
 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Semsettin Yesilyurt 09/28/2023

Quant Time: Sep 28 01:16:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	233667	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	384319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159104	51.825	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.640%			
35) Dibromofluoromethane	5.385	113	137924	53.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.280%			
50) Toluene-d8	8.647	98	506276	52.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.079	95	191870	55.262	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	40352	16.384	ug/l	96
3) Chloromethane	1.300	50	43107	16.086	ug/l	94
4) Vinyl Chloride	1.374	62	49097	16.983	ug/l	97
5) Bromomethane	1.611	94	38429	18.568	ug/l	97
6) Chloroethane	1.691	64	34735	17.440	ug/l	99
7) Trichlorofluoromethane	1.892	101	85039	18.297	ug/l	99
8) Diethyl Ether	2.136	74	32226	17.897	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	43518	18.449	ug/l	96
10) Methyl Iodide	2.453	142	54027	17.308	ug/l	92
11) Tert butyl alcohol	2.953	59	51934	78.810	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	40930	17.955	ug/l	87
13) Acrolein	2.233	56	52277	80.302	ug/l	99
14) Allyl chloride	2.666	41	65147	17.159	ug/l #	96
15) Acrylonitrile	3.062	53	127822	87.242	ug/l	99
16) Acetone	2.373	43	118996	80.573	ug/l	91
17) Carbon Disulfide	2.514	76	87646	15.335	ug/l	98
18) Methyl Acetate	2.703	43	94482	17.734	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	153423	18.295	ug/l	99
20) Methylene Chloride	2.788	84	51419	18.816	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	46581	18.402	ug/l	88
22) Diisopropyl ether	3.757	45	146581	18.534	ug/l	94
23) Vinyl Acetate	3.721	43	525033	90.256	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	87756	18.517	ug/l	98
25) 2-Butanone	4.556	43	172081	82.568	ug/l	93
26) 2,2-Dichloropropane	4.477	77	71265	18.610	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	57761	18.613	ug/l	89
28) Bromochloromethane	4.897	49	41770	18.893	ug/l #	81
29) Tetrahydrofuran	5.001	42	106415	82.088	ug/l	89
30) Chloroform	5.099	83	96307	18.864	ug/l	100
31) Cyclohexane	5.476	56	68148	17.295	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	81919	18.951	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65152	18.392	ug/l	97
37) Ethyl Acetate	4.721	43	66772	17.146	ug/l	96
38) Carbon Tetrachloride	5.684	117	68679	18.530	ug/l	97
39) Methylcyclohexane	7.379	83	79116	17.597	ug/l	91
40) Benzene	6.043	78	199015	18.270	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35494	17.875	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	72593	18.438	ug/l	97
43) Isopropyl Acetate	6.342	43	108907	17.489	ug/l #	96
44) Trichloroethene	7.129	130	54613	18.003	ug/l	93
45) 1,2-Dichloropropane	7.433	63	52825	18.673	ug/l	100
46) Dibromomethane	7.586	93	39084	19.206	ug/l	93
47) Bromodichloromethane	7.824	83	72715	19.402	ug/l	96
48) Methyl methacrylate	7.696	41	52331	17.580	ug/l #	86
49) 1,4-Dioxane	7.659	88	23626	302.739	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	346256	87.642	ug/l	95
52) Toluene	8.720	92	132173	18.827	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	75029	19.146	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	81328	18.752	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	56362	19.042	ug/l	96
56) Ethyl methacrylate	9.116	69	80397	18.194	ug/l	91
57) 1,3-Dichloropropane	9.311	76	91401	19.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	175162	84.892	ug/l	98
59) 2-Hexanone	9.427	43	263633	85.703	ug/l	93
60) Dibromochloromethane	9.518	129	57043	19.346	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59052	18.843	ug/l	100
64) Tetrachloroethene	9.275	164	46549	18.616	ug/l	97
65) Chlorobenzene	10.079	112	147137	18.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54295	19.372	ug/l	99
67) Ethyl Benzene	10.195	91	256086	18.676	ug/l	99
68) m/p-Xylenes	10.299	106	199161	37.588	ug/l	98
69) o-Xylene	10.640	106	98537	18.546	ug/l	96
70) Styrene	10.652	104	164791	19.319	ug/l	95
71) Bromoform	10.799	173	40730	18.396	ug/l #	100
73) Isopropylbenzene	10.963	105	261503	17.516	ug/l	99
74) N-amyl acetate	10.841	43	97448	16.118	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	91014	17.335	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79218m	16.832	ug/l	
77) Bromobenzene	11.195	156	66054	17.876	ug/l	88
78) n-propylbenzene	11.305	91	310400	18.410	ug/l	99
79) 2-Chlorotoluene	11.366	91	180843	17.396	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	224173	17.781	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22812	15.526	ug/l	95
82) 4-Chlorotoluene	11.457	91	212795	18.182	ug/l	95
83) tert-Butylbenzene	11.713	119	221616	17.392	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	221884	17.689	ug/l	97
85) sec-Butylbenzene	11.890	105	287240	18.581	ug/l	99
86) p-Isopropyltoluene	12.006	119	239059	18.561	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	129074	18.739	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	130056	18.452	ug/l	98
89) n-Butylbenzene	12.329	91	224991	19.941	ug/l	96
90) Hexachloroethane	12.536	117	38372	17.584	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	127497	18.130	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17695	16.907	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	86098	20.784	ug/l	97
94) Hexachlorobutadiene	13.725	225	38191	19.742	ug/l	99
95) Naphthalene	13.774	128	262388	18.729	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83593	19.609	ug/l	96

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

