

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037886.D
 Acq On : 25 Sep 2023 11:00
 Operator : JC/MD
 Sample : VX0925WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2023
 Supervised By : Semsettin Yesilyurt 09/26/2023

Quant Time: Sep 26 06:56:28 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	5.550	168	239069	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	380007	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157711	50.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.420%	
35) Dibromofluoromethane	5.385	113	136442	53.661	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.320%	
50) Toluene-d8	8.647	98	499581	52.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.760%	
62) 4-Bromofluorobenzene	11.079	95	190967	55.626	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	42483	16.859	ug/l	98
3) Chloromethane	1.301	50	46416	16.930	ug/l	94
4) Vinyl Chloride	1.374	62	49927	16.879	ug/l	98
5) Bromomethane	1.605	94	38855	18.349	ug/l	98
6) Chloroethane	1.685	64	34059	16.715	ug/l	97
7) Trichlorofluoromethane	1.886	101	85418	17.963	ug/l	99
8) Diethyl Ether	2.136	74	33768	18.329	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	45370	18.800	ug/l	94
10) Methyl Iodide	2.453	142	54466	17.054	ug/l	92
11) Tert butyl alcohol	2.953	59	56181	83.329	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	41808	17.925	ug/l	89
13) Acrolein	2.233	56	59549	89.405	ug/l	99
14) Allyl chloride	2.666	41	68061	17.521	ug/l	# 96
15) Acrylonitrile	3.062	53	135153	90.161	ug/l	99
16) Acetone	2.380	43	123833	81.954	ug/l	# 89
17) Carbon Disulfide	2.514	76	93721	16.027	ug/l	99
18) Methyl Acetate	2.703	43	100182	18.379	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	160792	18.741	ug/l	100
20) Methylene Chloride	2.788	84	52048	18.616	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	46855	18.092	ug/l	87
22) Diisopropyl ether	3.757	45	150181	18.561	ug/l	98
23) Vinyl Acetate	3.721	43	550155	92.437	ug/l	95
24) 1,1-Dichloroethane	3.611	63	86734	17.888	ug/l	96
25) 2-Butanone	4.556	43	182166	85.432	ug/l	93
26) 2,2-Dichloropropane	4.477	77	72483	18.501	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	58879	18.544	ug/l	89
28) Bromochloromethane	4.897	49	39153	17.309	ug/l	83
29) Tetrahydrofuran	5.007	42	115117	86.794	ug/l	89
30) Chloroform	5.099	83	96860	18.544	ug/l	100
31) Cyclohexane	5.471	56	71335	17.695	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	82891	18.742	ug/l	98
36) 1,1-Dichloropropene	5.690	75	65652	18.744	ug/l	95
37) Ethyl Acetate	4.715	43	70642	18.346	ug/l	97
38) Carbon Tetrachloride	5.678	117	70880	19.341	ug/l	99
39) Methylcyclohexane	7.385	83	81179	18.261	ug/l	90
40) Benzene	6.037	78	200993	18.660	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37794	19.249	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	75589	19.417	ug/l	97
43) Isopropyl Acetate	6.342	43	114607	18.614	ug/l	95
44) Trichloroethene	7.129	130	54255	18.088	ug/l	89
45) 1,2-Dichloropropane	7.434	63	53351	19.073	ug/l	98
46) Dibromomethane	7.580	93	40285	20.021	ug/l	91
47) Bromodichloromethane	7.824	83	72937	19.682	ug/l	98
48) Methyl methacrylate	7.696	41	55006	18.688	ug/l #	87
49) 1,4-Dioxane	7.659	88	26559	344.183	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	368742	94.392	ug/l	95
52) Toluene	8.720	92	131254	18.908	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	76926	19.853	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	83919	19.569	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	57683	19.709	ug/l	98
56) Ethyl methacrylate	9.116	69	83444	19.098	ug/l	91
57) 1,3-Dichloropropane	9.311	76	93352	19.711	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	197438	96.773	ug/l	98
59) 2-Hexanone	9.427	43	280348	92.171	ug/l	93
60) Dibromochloromethane	9.519	129	59276	20.331	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61789	19.940	ug/l	99
64) Tetrachloroethene	9.275	164	47190	19.072	ug/l	98
65) Chlorobenzene	10.079	112	148553	18.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	54040	19.486	ug/l	97
67) Ethyl Benzene	10.195	91	259266	19.109	ug/l	99
68) m/p-Xylenes	10.299	106	201277	38.391	ug/l	98
69) o-Xylene	10.640	106	99662	18.957	ug/l	97
70) Styrene	10.659	104	166882	19.773	ug/l	95
71) Bromoform	10.799	173	43309	19.769	ug/l #	99
73) Isopropylbenzene	10.963	105	264093	17.948	ug/l	98
74) N-amyl acetate	10.841	43	104593	17.551	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	93072	17.985	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82285m	17.738	ug/l	
77) Bromobenzene	11.195	156	67312	18.482	ug/l	87
78) n-propylbenzene	11.305	91	314415	18.920	ug/l	99
79) 2-Chlorotoluene	11.366	91	182346	17.796	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	227979	18.346	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25165	17.377	ug/l	92
82) 4-Chlorotoluene	11.457	91	216167	18.739	ug/l	96
83) tert-Butylbenzene	11.713	119	226653	18.047	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	228095	18.449	ug/l	97
85) sec-Butylbenzene	11.890	105	291106	19.105	ug/l	99
86) p-Isopropyltoluene	12.012	119	244541	19.263	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	130179	19.175	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	133139	19.164	ug/l	98
89) n-Butylbenzene	12.335	91	226579	20.374	ug/l	97
90) Hexachloroethane	12.536	117	40042	18.617	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	128972	18.606	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19005	18.423	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	88891	21.771	ug/l	96
94) Hexachlorobutadiene	13.725	225	40061	21.010	ug/l	98
95) Naphthalene	13.774	128	272889	19.762	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	87231	20.760	ug/l	96

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

