

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031612.D
 Acq On : 23 Sep 2022 10:08
 Operator : JC/MD
 Sample : VX0922WBSD04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD04

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

Quant Time: Sep 23 15:53:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	55740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	81006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48723	47.521	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.040%		
35) Dibromofluoromethane	5.385	113	42787	51.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.240%		
50) Toluene-d8	8.647	98	157126	48.686	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.380%		
62) 4-Bromofluorobenzene	11.079	95	55616	50.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17016	21.233	ug/l	97
3) Chloromethane	1.288	50	18309	17.221	ug/l	99
4) Vinyl Chloride	1.374	62	23121	19.071	ug/l	98
5) Bromomethane	1.611	94	29783	17.253	ug/l	98
6) Chloroethane	1.685	64	29269	26.477	ug/l	97
7) Trichlorofluoromethane	1.886	101	57296	20.836	ug/l	99
8) Diethyl Ether	2.130	74	17292	18.258	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	17292	19.267	ug/l	90
10) Methyl Iodide	2.453	142	18319	21.096	ug/l	100
11) Tert butyl alcohol	2.989	59	19041	64.421	ug/l	99
12) 1,1-Dichloroethene	2.319	96	15069	17.368	ug/l	93
13) Acrolein	2.239	56	5067	35.754	ug/l	100
14) Allyl chloride	2.666	41	22888	16.177	ug/l	90
15) Acrylonitrile	3.069	53	47809	88.874	ug/l	97
16) Acetone	2.392	43	47315	109.347	ug/l	100
17) Carbon Disulfide	2.508	76	36660	15.682	ug/l	98
18) Methyl Acetate	2.709	43	26032	17.042	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	56346	17.957	ug/l	96
20) Methylene Chloride	2.788	84	18208	18.463	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	18174	18.550	ug/l	94
22) Diisopropyl ether	3.757	45	53035	17.310	ug/l #	82
23) Vinyl Acetate	3.721	43	228312	87.134	ug/l	97
24) 1,1-Dichloroethane	3.611	63	31676	18.294	ug/l	100
25) 2-Butanone	4.562	43	68892	87.293	ug/l	95
26) 2,2-Dichloropropane	4.471	77	25650	16.771	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	21113	17.880	ug/l	88
28) Bromochloromethane	4.898	49	13611	19.678	ug/l	88
29) Tetrahydrofuran	5.013	42	41366	80.373	ug/l	89
30) Chloroform	5.093	83	35266	18.571	ug/l	97
31) Cyclohexane	5.477	56	26833	17.698	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	30841	17.880	ug/l	99
36) 1,1-Dichloropropene	5.690	75	25016	19.428	ug/l	98
37) Ethyl Acetate	4.715	43	27529	17.921	ug/l	99
38) Carbon Tetrachloride	5.672	117	26723	18.723	ug/l	98
39) Methylcyclohexane	7.379	83	30174	19.046	ug/l	91
40) Benzene	6.038	78	74690	19.444	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13638	17.832	ug/l	93
42) 1,2-Dichloroethane	6.086	62	27074	19.121	ug/l	97
43) Isopropyl Acetate	6.336	43	43556	18.449	ug/l	98
44) Trichloroethene	7.123	130	21356	19.608	ug/l	93
45) 1,2-Dichloropropane	7.434	63	18342	18.995	ug/l #	88
46) Dibromomethane	7.580	93	14330	19.279	ug/l	95
47) Bromodichloromethane	7.824	83	25555	18.286	ug/l	98
48) Methyl methacrylate	7.696	41	18762	17.395	ug/l	87
49) 1,4-Dioxane	7.696	88	9924	402.886	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	140987	92.844	ug/l	100
52) Toluene	8.720	92	49559	19.782	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27122	18.755	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	28817	18.220	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	20156	19.525	ug/l	94
56) Ethyl methacrylate	9.116	69	28956	19.722	ug/l	95
57) 1,3-Dichloropropane	9.311	76	31839	18.794	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	59378	97.693	ug/l	94
59) 2-Hexanone	9.433	43	108310	94.970	ug/l	98
60) Dibromochloromethane	9.519	129	20623	18.813	ug/l	99
61) 1,2-Dibromoethane	9.610	107	21969	19.754	ug/l	100
64) Tetrachloroethene	9.275	164	21441	19.846	ug/l	93
65) Chlorobenzene	10.079	112	55603	20.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	19317	19.302	ug/l	96
67) Ethyl Benzene	10.195	91	96955	19.798	ug/l	99
68) m/p-Xylenes	10.299	106	78543	39.909	ug/l	96
69) o-Xylene	10.640	106	37991	20.224	ug/l	94
70) Styrene	10.659	104	61132	19.766	ug/l	98
71) Bromoform	10.799	173	14396	17.979	ug/l #	100
73) Isopropylbenzene	10.963	105	98837	19.430	ug/l	100
74) N-amyl acetate	10.842	43	38121	18.490	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	32008	20.955	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	27899m	18.351	ug/l	
77) Bromobenzene	11.201	156	24271	19.360	ug/l	90
78) n-propylbenzene	11.305	91	115429	19.724	ug/l	99
79) 2-Chlorotoluene	11.366	91	67555	19.394	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	85261	19.751	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7733	16.378	ug/l	87
82) 4-Chlorotoluene	11.457	91	79498	19.447	ug/l	96
83) tert-Butylbenzene	11.713	119	82617	19.746	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	85953	20.218	ug/l	99
85) sec-Butylbenzene	11.890	105	106374	20.090	ug/l	100
86) p-Isopropyltoluene	12.012	119	91579	20.482	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47355	19.707	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	50333	20.082	ug/l	98
89) n-Butylbenzene	12.335	91	78252	20.546	ug/l	99
90) Hexachloroethane	12.542	117	13911	18.107	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	49047	20.269	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6101	17.455	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	27711	20.783	ug/l	96
94) Hexachlorobutadiene	13.725	225	10794	20.710	ug/l	96
95) Naphthalene	13.774	128	99739	20.425	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28095	20.444	ug/l	97

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

