

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031565.D
 Acq On : 22 Sep 2022 13:14
 Operator : JC/MD
 Sample : VX0922WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 18:00:16 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	43165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	63395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	69655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38484	48.491	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.980%		
35) Dibromofluoromethane	5.385	113	32800	50.058	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.120%		
50) Toluene-d8	8.647	98	122249	48.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.800%		
62) 4-Bromofluorobenzene	11.079	95	41091	48.030	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	13557	21.845	ug/l	99
3) Chloromethane	1.288	50	15318	18.605	ug/l	99
4) Vinyl Chloride	1.374	62	18368	19.565	ug/l	99
5) Bromomethane	1.611	94	25416	19.013	ug/l	98
6) Chloroethane	1.685	64	24894	29.390	ug/l	93
7) Trichlorofluoromethane	1.886	101	41527	19.501	ug/l	100
8) Diethyl Ether	2.136	74	14452	19.705	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	13815	19.877	ug/l	92
10) Methyl Iodide	2.453	142	12235	18.195	ug/l	99
11) Tert butyl alcohol	2.995	59	18666	91.347	ug/l	97
12) 1,1-Dichloroethene	2.319	96	12734	18.953	ug/l	81
13) Acrolein	2.239	56	5322	52.809	ug/l	93
14) Allyl chloride	2.666	41	17825	16.269	ug/l	93
15) Acrylonitrile	3.068	53	40984	98.381	ug/l	98
16) Acetone	2.392	43	34192	101.074	ug/l	96
17) Carbon Disulfide	2.508	76	28372	15.672	ug/l	100
18) Methyl Acetate	2.709	43	23032	19.470	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	45676	18.797	ug/l	98
20) Methylene Chloride	2.788	84	14606	19.214	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	13954	18.392	ug/l	93
22) Diisopropyl ether	3.757	45	43156	18.189	ug/l #	80
23) Vinyl Acetate	3.721	43	185311	91.326	ug/l	98
24) 1,1-Dichloroethane	3.605	63	23916	17.837	ug/l	98
25) 2-Butanone	4.568	43	56280	92.088	ug/l	99
26) 2,2-Dichloropropane	4.477	77	18899	15.957	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	16356	17.887	ug/l	89
28) Bromochloromethane	4.891	49	9055	16.905	ug/l	95
29) Tetrahydrofuran	5.013	42	37603	94.346	ug/l	94
30) Chloroform	5.092	83	27817	18.916	ug/l	100
31) Cyclohexane	5.464	56	21310	18.150	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	23689	17.735	ug/l	99
36) 1,1-Dichloropropene	5.690	75	19215	19.068	ug/l	97
37) Ethyl Acetate	4.721	43	22842	19.001	ug/l	97
38) Carbon Tetrachloride	5.672	117	20851	18.668	ug/l	85
39) Methylcyclohexane	7.379	83	23574	19.013	ug/l	92
40) Benzene	6.037	78	57692	19.191	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11557	19.309	ug/l	97
42) 1,2-Dichloroethane	6.086	62	22078	19.924	ug/l	98
43) Isopropyl Acetate	6.342	43	35391	19.155	ug/l	97
44) Trichloroethene	7.123	130	16234	19.045	ug/l	86
45) 1,2-Dichloropropane	7.427	63	14613	19.337	ug/l	97
46) Dibromomethane	7.580	93	11305	19.435	ug/l	91
47) Bromodichloromethane	7.824	83	20731	18.956	ug/l	97
48) Methyl methacrylate	7.696	41	16252	19.253	ug/l	90
49) 1,4-Dioxane	7.690	88	8430	437.306	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	121200	101.986	ug/l	100
52) Toluene	8.720	92	38660	19.718	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	20495	18.109	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	22179	17.919	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	16257	20.123	ug/l	96
56) Ethyl methacrylate	9.116	69	23450	20.408	ug/l	93
57) 1,3-Dichloropropane	9.311	76	25834	19.486	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	37707	79.305	ug/l	92
59) 2-Hexanone	9.433	43	91203	102.186	ug/l	100
60) Dibromochloromethane	9.518	129	16446	19.170	ug/l	99
61) 1,2-Dibromoethane	9.610	107	17309	19.888	ug/l	98
64) Tetrachloroethene	9.275	164	16877	20.172	ug/l	89
65) Chlorobenzene	10.079	112	43331	20.173	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	15262	19.693	ug/l	99
67) Ethyl Benzene	10.195	91	73544	19.392	ug/l	99
68) m/p-Xylenes	10.305	106	60012	39.375	ug/l	95
69) o-Xylene	10.640	106	29185	20.062	ug/l	94
70) Styrene	10.659	104	47073	19.653	ug/l	97
71) Bromoform	10.799	173	11399	18.383	ug/l #	98
73) Isopropylbenzene	10.963	105	75520	19.970	ug/l	99
74) N-amyl acetate	10.848	43	31366	20.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	26131	23.394	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22762m	20.139	ug/l	
77) Bromobenzene	11.201	156	18883	20.260	ug/l	89
78) n-propylbenzene	11.305	91	87181	20.039	ug/l	99
79) 2-Chlorotoluene	11.366	91	49797	19.230	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	64212	20.008	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6046	17.224	ug/l	86
82) 4-Chlorotoluene	11.457	91	58837	19.360	ug/l	97
83) tert-Butylbenzene	11.713	119	63687	20.475	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	62886	19.897	ug/l	97
85) sec-Butylbenzene	11.890	105	79237	20.129	ug/l	100
86) p-Isopropyltoluene	12.012	119	69157	20.805	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	35972	20.136	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	36768	19.733	ug/l	98
89) n-Butylbenzene	12.335	91	57076	20.158	ug/l	97
90) Hexachloroethane	12.542	117	10521	18.420	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	35833	19.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4774	18.372	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	21223	21.410	ug/l	99
94) Hexachlorobutadiene	13.725	225	8488	22.066	ug/l	95
95) Naphthalene	13.774	128	77900	21.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21874	21.410	ug/l	97

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

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