

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031667.D
 Acq On : 26 Sep 2022 23:15
 Operator : JC/MD
 Sample : VX0926WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 27 01:57:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	57376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	90148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62943	51.688	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.380%			
35) Dibromofluoromethane	5.385	113	52450	48.830	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.660%			
50) Toluene-d8	8.647	98	194302	49.896	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.800%			
62) 4-Bromofluorobenzene	11.079	95	75162	52.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13848	19.832	ug/l	100
3) Chloromethane	1.288	50	15596	23.644	ug/l	98
4) Vinyl Chloride	1.368	62	20410	21.239	ug/l	100
5) Bromomethane	1.611	94	24452	25.517	ug/l	98
6) Chloroethane	1.685	64	22917	19.328	ug/l	99
7) Trichlorofluoromethane	1.886	101	48593	18.490	ug/l	99
8) Diethyl Ether	2.130	74	17226	23.559	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	14201	18.620	ug/l	92
10) Methyl Iodide	2.453	142	15652	20.937	ug/l	96
11) Tert butyl alcohol	2.989	59	19042	104.911	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	13242	20.991	ug/l	89
13) Acrolein	2.239	56	8653	102.068	ug/l	93
14) Allyl chloride	2.666	41	19893	19.825	ug/l	93
15) Acrylonitrile	3.069	53	45682	108.091	ug/l	99
16) Acetone	2.392	43	37030	121.563	ug/l	98
17) Carbon Disulfide	2.508	76	26184	19.553	ug/l	97
18) Methyl Acetate	2.709	43	22756	20.795	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	56224	20.758	ug/l	99
20) Methylene Chloride	2.788	84	17428	21.673	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	16457	19.518	ug/l	91
22) Diisopropyl ether	3.764	45	55543	21.507	ug/l #	92
23) Vinyl Acetate	3.721	43	224376	109.856	ug/l	95
24) 1,1-Dichloroethane	3.611	63	30143	20.245	ug/l	99
25) 2-Butanone	4.568	43	64315	110.647	ug/l	93
26) 2,2-Dichloropropane	4.477	77	21035	17.407	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	21166	20.497	ug/l	86
28) Bromochloromethane	4.897	49	15860	22.771	ug/l	83
29) Tetrahydrofuran	5.013	42	42117	115.342	ug/l	90
30) Chloroform	5.099	83	37953	20.721	ug/l	99
31) Cyclohexane	5.464	56	23561	20.349	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	31584	20.820	ug/l	98
36) 1,1-Dichloropropene	5.696	75	23538	19.081	ug/l	96
37) Ethyl Acetate	4.721	43	25780	20.719	ug/l	97
38) Carbon Tetrachloride	5.678	117	26730	19.227	ug/l	98
39) Methylcyclohexane	7.385	83	25822	18.372	ug/l	96
40) Benzene	6.044	78	75624	19.961	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	13357	21.097	ug/l	90
42) 1,2-Dichloroethane	6.086	62	30715	20.962	ug/l	98
43) Isopropyl Acetate	6.342	43	42809	21.860	ug/l	98
44) Trichloroethene	7.129	130	21200	19.811	ug/l	88
45) 1,2-Dichloropropane	7.434	63	19019	20.684	ug/l	93
46) Dibromomethane	7.580	93	15129	20.488	ug/l	92
47) Bromodichloromethane	7.824	83	27110	20.345	ug/l	93
48) Methyl methacrylate	7.696	41	18902	21.947	ug/l	85
49) 1,4-Dioxane	7.702	88	10032	456.266	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	142569	115.017	ug/l	96
52) Toluene	8.720	92	53050	21.006	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27228	18.910	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	28082	20.279	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	23147	21.288	ug/l	98
56) Ethyl methacrylate	9.116	69	31095	22.352	ug/l	95
57) 1,3-Dichloropropane	9.311	76	36198	21.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	75132	109.678	ug/l	92
59) 2-Hexanone	9.433	43	109545	118.447	ug/l	96
60) Dibromochloromethane	9.525	129	23154	19.216	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24378	22.087	ug/l	98
64) Tetrachloroethene	9.275	164	20981	18.615	ug/l	97
65) Chlorobenzene	10.079	112	59661	20.308	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	21876	20.696	ug/l	97
67) Ethyl Benzene	10.195	91	102083	20.427	ug/l	99
68) m/p-Xylenes	10.305	106	82824	41.248	ug/l	99
69) o-Xylene	10.640	106	40590	20.681	ug/l	99
70) Styrene	10.659	104	68436	21.421	ug/l	97
71) Bromoform	10.799	173	16008	19.061	ug/l #	97
73) Isopropylbenzene	10.963	105	105293	20.801	ug/l	99
74) N-amyl acetate	10.848	43	38323	23.340	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	36823	22.894	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	32081m	22.608	ug/l	
77) Bromobenzene	11.201	156	27092	21.054	ug/l	93
78) n-propylbenzene	11.305	91	122597	21.765	ug/l	99
79) 2-Chlorotoluene	11.366	91	75411	21.680	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	92007	21.442	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7451	19.826	ug/l	87
82) 4-Chlorotoluene	11.457	91	87875	21.868	ug/l	99
83) tert-Butylbenzene	11.713	119	90364	21.838	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94182	22.175	ug/l	100
85) sec-Butylbenzene	11.890	105	112614	21.415	ug/l	100
86) p-Isopropyltoluene	12.012	119	96277	21.231	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52151	20.905	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	54047	20.698	ug/l	100
89) n-Butylbenzene	12.335	91	77912	21.032	ug/l	98
90) Hexachloroethane	12.542	117	14143	19.449	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	53896	21.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7702	23.898	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	30876	21.134	ug/l	98
94) Hexachlorobutadiene	13.725	225	11381	19.978	ug/l	99
95) Naphthalene	13.774	128	113709	23.301	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31665	21.119	ug/l	98

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

