

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031540.D
 Acq On : 22 Sep 2022 00:48
 Operator : JC/MD
 Sample : VX0921WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 04:23:39 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	5.556	168	127327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89452	37.977	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	75.960%		
35) Dibromofluoromethane	5.385	113	77406	36.597	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	73.200%#		
50) Toluene-d8	8.647	98	299256	36.901	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	73.800%#		
62) 4-Bromofluorobenzene	11.079	95	101394	36.911	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	73.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14977	8.181	ug/l	96
3) Chloromethane	1.288	50	16905	6.961	ug/l	99
4) Vinyl Chloride	1.374	62	20348	7.348	ug/l	95
5) Bromomethane	1.611	94	24015	6.090	ug/l	100
6) Chloroethane	1.685	64	26805	8.725	ug/l	99
7) Trichlorofluoromethane	1.886	101	43303	6.894	ug/l	99
8) Diethyl Ether	2.136	74	14880	6.878	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	14152	6.903	ug/l	93
10) Methyl Iodide	2.447	142	13043	6.576	ug/l	97
11) Tert butyl alcohol	3.008	59	23642m	18.199	ug/l	
12) 1,1-Dichloroethene	2.319	96	13237	6.679	ug/l	95
13) Acrolein	2.239	56	6742	15.771	ug/l	97
14) Allyl chloride	2.666	41	19694	6.094	ug/l	95
15) Acrylonitrile	3.068	53	43673	35.540	ug/l	98
16) Acetone	2.398	43	38292	29.412	ug/l	98
17) Carbon Disulfide	2.514	76	32525	6.091	ug/l	99
18) Methyl Acetate	2.709	43	24374	6.985	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	48975	6.833	ug/l	96
20) Methylene Chloride	2.788	84	16361	5.775	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	15312	6.842	ug/l	89
22) Diisopropyl ether	3.763	45	47021	6.718	ug/l #	87
23) Vinyl Acetate	3.727	43	199506	33.332	ug/l	98
24) 1,1-Dichloroethane	3.611	63	27013	6.830	ug/l	97
25) 2-Butanone	4.568	43	61434	34.077	ug/l	93
26) 2,2-Dichloropropane	4.483	77	15365	4.398	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	18016	6.679	ug/l	87
28) Bromochloromethane	4.904	49	10183	6.445	ug/l	88
29) Tetrahydrofuran	5.019	42	39873	33.915	ug/l	95
30) Chloroform	5.093	83	30153	6.951	ug/l	88
31) Cyclohexane	5.471	56	22717	6.559	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	25610	6.500	ug/l	99
36) 1,1-Dichloropropene	5.702	75	21620	6.682	ug/l	99
37) Ethyl Acetate	4.715	43	23452	6.076	ug/l	99
38) Carbon Tetrachloride	5.678	117	22277	6.211	ug/l	97
39) Methylcyclohexane	7.385	83	25389	6.377	ug/l	88
40) Benzene	6.044	78	63495	6.578	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	12512	6.511	ug/l	96
42) 1,2-Dichloroethane	6.092	62	23714	6.665	ug/l	98
43) Isopropyl Acetate	6.342	43	39251	6.616	ug/l	99
44) Trichloroethene	7.129	130	17851	6.522	ug/l	89
45) 1,2-Dichloropropane	7.434	63	15591	6.425	ug/l	97
46) Dibromomethane	7.586	93	12226	6.546	ug/l	91
47) Bromodichloromethane	7.824	83	22407	6.381	ug/l	98
48) Methyl methacrylate	7.696	41	17138	6.323	ug/l	90
49) 1,4-Dioxane	7.702	88	9336	150.833	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	127221	33.341	ug/l	99
52) Toluene	8.720	92	41777	6.636	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	21844	6.011	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	23470	5.906	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	17512	6.751	ug/l	99
56) Ethyl methacrylate	9.116	69	24953	6.763	ug/l	96
57) 1,3-Dichloropropane	9.311	76	27722	6.512	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	48670	31.983	ug/l	95
59) 2-Hexanone	9.433	43	97489	34.018	ug/l	100
60) Dibromochloromethane	9.525	129	17845	6.478	ug/l	98
61) 1,2-Dibromoethane	9.610	107	18830	6.738	ug/l	98
64) Tetrachloroethene	9.275	164	17403	7.077	ug/l	94
65) Chlorobenzene	10.079	112	47322	7.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16554	7.268	ug/l	98
67) Ethyl Benzene	10.195	91	79872	7.166	ug/l	97
68) m/p-Xylenes	10.305	106	63761	14.234	ug/l	99
69) o-Xylene	10.640	106	30809	7.206	ug/l	97
70) Styrene	10.659	104	50411	7.161	ug/l	96
71) Bromoform	10.799	173	12459	6.836	ug/l #	99
73) Isopropylbenzene	10.963	105	81591	9.088	ug/l	99
74) N-amyl acetate	10.848	43	33513	9.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	26805	7.893	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	23782m	8.863	ug/l	
77) Bromobenzene	11.201	156	20102	9.084	ug/l	92
78) n-propylbenzene	11.305	91	93040	9.007	ug/l	100
79) 2-Chlorotoluene	11.366	91	52891	8.603	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	68288	8.962	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	5950	7.140	ug/l	86
82) 4-Chlorotoluene	11.457	91	62916	8.720	ug/l	98
83) tert-Butylbenzene	11.713	119	67069	9.082	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	68071	9.071	ug/l	100
85) sec-Butylbenzene	11.890	105	83423	8.926	ug/l	99
86) p-Isopropyltoluene	12.012	119	71156	9.016	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	37153	8.760	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	39368	8.899	ug/l	99
89) n-Butylbenzene	12.335	91	58003	8.628	ug/l	98
90) Hexachloroethane	12.542	117	11113	8.195	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	38383	8.987	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5312	8.610	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	22265	9.461	ug/l	97
94) Hexachlorobutadiene	13.725	225	8594	8.502	ug/l	96
95) Naphthalene	13.774	128	82048	9.519	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23187	9.559	ug/l	97

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

