

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030866.D
 Acq On : 27 Aug 2022 13:25
 Operator : JC/MD
 Sample : VX0827WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022

Quant Time: Aug 29 01:09:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	381898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136142	51.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.840%			
35) Dibromofluoromethane	5.391	113	115645	49.272	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.540%			
50) Toluene-d8	8.653	98	400951	49.023	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.040%			
62) 4-Bromofluorobenzene	11.085	95	150177	49.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39111	18.934	ug/l	100
3) Chloromethane	1.288	50	35589	20.535	ug/l	100
4) Vinyl Chloride	1.374	62	41510	20.231	ug/l	95
5) Bromomethane	1.605	94	22845	21.996	ug/l	97
6) Chloroethane	1.685	64	26314	21.737	ug/l	97
7) Trichlorofluoromethane	1.886	101	65629	19.235	ug/l	99
8) Diethyl Ether	2.136	74	26217	20.307	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	40167	18.504	ug/l	96
10) Methyl Iodide	2.453	142	26490	17.454	ug/l	93
11) Tert butyl alcohol	2.977	59	65828	115.657	ug/l	100
12) 1,1-Dichloroethene	2.319	96	37337	18.479	ug/l	95
13) Acrolein	2.239	56	56916	118.495	ug/l	99
14) Allyl chloride	2.666	41	72779	19.466	ug/l	97
15) Acrylonitrile	3.069	53	149983	107.481	ug/l	99
16) Acetone	2.386	43	128307	105.898	ug/l	93
17) Carbon Disulfide	2.508	76	70976	17.414	ug/l	97
18) Methyl Acetate	2.709	43	81253	21.820	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	142750	20.402	ug/l	97
20) Methylene Chloride	2.794	84	47188	20.770	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	39188	18.055	ug/l	96
22) Diisopropyl ether	3.770	45	158311	21.081	ug/l	88
23) Vinyl Acetate	3.727	43	639118	106.111	ug/l	99
24) 1,1-Dichloroethane	3.611	63	84386	19.825	ug/l	97
25) 2-Butanone	4.568	43	209043	107.107	ug/l	98
26) 2,2-Dichloropropane	4.483	77	60939	19.764	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	50339	18.773	ug/l	93
28) Bromochloromethane	4.904	49	41173	22.482	ug/l	97
29) Tetrahydrofuran	5.013	42	137049	107.590	ug/l	97
30) Chloroform	5.099	83	88240	19.696	ug/l	100
31) Cyclohexane	5.477	56	63481	18.935	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	73945	20.415	ug/l	100
36) 1,1-Dichloropropene	5.696	75	57453	17.976	ug/l	97
37) Ethyl Acetate	4.721	43	78345	20.696	ug/l	97
38) Carbon Tetrachloride	5.684	117	60667	17.995	ug/l	99
39) Methylcyclohexane	7.385	83	63277	16.542	ug/l	95
40) Benzene	6.044	78	180405	18.866	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44008	20.804	ug/l	98
42) 1,2-Dichloroethane	6.099	62	68020	20.048	ug/l	95
43) Isopropyl Acetate	6.348	43	118501	20.782	ug/l	97
44) Trichloroethene	7.129	130	48805	17.666	ug/l	98
45) 1,2-Dichloropropane	7.434	63	51463	19.455	ug/l	97
46) Dibromomethane	7.586	93	34795	18.516	ug/l	99
47) Bromodichloromethane	7.824	83	69129	19.535	ug/l	97
48) Methyl methacrylate	7.696	41	57984	20.400	ug/l	98
49) 1,4-Dioxane	7.678	88	30002	427.572	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	418154	108.726	ug/l	99
52) Toluene	8.720	92	112848	18.907	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	66090	19.329	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	75147	19.518	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	51736	19.505	ug/l	97
56) Ethyl methacrylate	9.122	69	76547	20.124	ug/l	97
57) 1,3-Dichloropropane	9.311	76	84928	19.871	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	213601	105.005	ug/l	98
59) 2-Hexanone	9.433	43	318663	110.442	ug/l	98
60) Dibromochloromethane	9.525	129	51946	18.781	ug/l	96
61) 1,2-Dibromoethane	9.610	107	52022	19.342	ug/l	98
64) Tetrachloroethene	9.275	164	47146	17.314	ug/l	94
65) Chlorobenzene	10.079	112	123335	18.444	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	48444	19.305	ug/l	97
67) Ethyl Benzene	10.195	91	217607	18.835	ug/l	99
68) m/p-Xylenes	10.305	106	168410	38.046	ug/l	97
69) o-Xylene	10.646	106	82750	18.892	ug/l	93
70) Styrene	10.659	104	142885	19.657	ug/l	98
71) Bromoform	10.799	173	37057	17.872	ug/l #	99
73) Isopropylbenzene	10.964	105	220903	18.767	ug/l	99
74) N-amyl acetate	10.848	43	95185	20.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79207	19.672	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	74447m	19.347	ug/l	
77) Bromobenzene	11.201	156	52498	18.102	ug/l	97
78) n-propylbenzene	11.305	91	257827	19.046	ug/l	100
79) 2-Chlorotoluene	11.366	91	157353	18.976	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	191311	19.420	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	22173	18.591	ug/l	90
82) 4-Chlorotoluene	11.457	91	181273	19.502	ug/l	98
83) tert-Butylbenzene	11.719	119	184971	19.509	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	187862	19.690	ug/l	98
85) sec-Butylbenzene	11.890	105	242607	19.636	ug/l	99
86) p-Isopropyltoluene	12.012	119	198877	19.574	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	106460	19.460	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	106406	18.953	ug/l	98
89) n-Butylbenzene	12.335	91	176417	18.757	ug/l	98
90) Hexachloroethane	12.542	117	36026	18.288	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	108437	18.829	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19784	19.090	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	65089	18.075	ug/l	99
94) Hexachlorobutadiene	13.725	225	27724	18.485	ug/l	98
95) Naphthalene	13.780	128	246490	19.663	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69453	18.242	ug/l	98

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

