

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027242.D
 Acq On : 01 Mar 2022 12:45
 Operator : JC/MD
 Sample : VX0301WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 00:33:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45609	48.804	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.600%		
35) Dibromofluoromethane	5.385	113	37448	49.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.653	98	147623	52.053	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.100%		
62) 4-Bromofluorobenzene	11.079	95	52787	48.491	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	13435	17.370	ug/l	100
3) Chloromethane	1.294	50	12647	17.492	ug/l	99
4) Vinyl Chloride	1.380	62	11947	16.589	ug/l	95
5) Bromomethane	1.605	94	7172	22.258	ug/l	98
6) Chloroethane	1.691	64	7738	17.497	ug/l	99
7) Trichlorofluoromethane	1.892	101	20140	17.981	ug/l	100
8) Diethyl Ether	2.136	74	7174	18.401	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	14907	19.104	ug/l	97
10) Methyl Iodide	2.453	142	16021	15.290	ug/l	95
11) Tert butyl alcohol	2.959	59	16227	89.244	ug/l	97
12) 1,1-Dichloroethene	2.319	96	13890	18.336	ug/l	89
13) Acrolein	2.239	56	14928	88.824	ug/l	99
14) Allyl chloride	2.666	41	24018	18.008	ug/l	96
15) Acrylonitrile	3.062	53	46135	98.880	ug/l	98
16) Acetone	2.380	43	38116	92.895	ug/l	94
17) Carbon Disulfide	2.514	76	33598	17.057	ug/l	99
18) Methyl Acetate	2.703	43	19765	18.663	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	49110	18.893	ug/l	99
20) Methylene Chloride	2.794	84	16206	19.056	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	15440	19.112	ug/l	93
22) Diisopropyl ether	3.763	45	48822	18.777	ug/l	97
23) Vinyl Acetate	3.721	43	211371	96.267	ug/l	97
24) 1,1-Dichloroethane	3.611	63	26651	18.132	ug/l	98
25) 2-Butanone	4.556	43	61047	93.424	ug/l	96
26) 2,2-Dichloropropane	4.477	77	19678	18.454	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	17815	19.015	ug/l	95
28) Bromochloromethane	4.897	49	12578	21.152	ug/l	89
29) Tetrahydrofuran	5.007	42	41388	94.636	ug/l	96
30) Chloroform	5.099	83	28811	18.872	ug/l	100
31) Cyclohexane	5.470	56	24752	17.685	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	24805	18.769	ug/l	99
36) 1,1-Dichloropropene	5.696	75	20863	18.848	ug/l	98
37) Ethyl Acetate	4.721	43	22984	18.911	ug/l	97
38) Carbon Tetrachloride	5.678	117	22222	19.248	ug/l	98
39) Methylcyclohexane	7.379	83	26561	19.290	ug/l	93
40) Benzene	6.037	78	62395	19.275	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13153	19.728	ug/l	96
42) 1,2-Dichloroethane	6.086	62	22794	19.849	ug/l	95
43) Isopropyl Acetate	6.342	43	36082	19.299	ug/l	97
44) Trichloroethene	7.123	130	18111	18.703	ug/l	90
45) 1,2-Dichloropropane	7.434	63	15992	20.219	ug/l	100
46) Dibromomethane	7.580	93	11517	20.273	ug/l	95
47) Bromodichloromethane	7.824	83	22511	20.302	ug/l	99
48) Methyl methacrylate	7.696	41	17868	19.744	ug/l	95
49) 1,4-Dioxane	7.659	88	7879	385.115	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	122220	100.577	ug/l	97
52) Toluene	8.720	92	43463	20.969	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	21312	18.948	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	24242	19.586	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	16998	20.705	ug/l	97
56) Ethyl methacrylate	9.116	69	25154	19.680	ug/l	93
57) 1,3-Dichloropropane	9.311	76	27570	20.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	60312	97.892	ug/l	95
59) 2-Hexanone	9.433	43	93491	100.662	ug/l	96
60) Dibromochloromethane	9.519	129	17611	20.678	ug/l	99
61) 1,2-Dibromoethane	9.610	107	17589	20.118	ug/l	100
64) Tetrachloroethene	9.275	164	19096	18.351	ug/l	92
65) Chlorobenzene	10.079	112	44410	18.942	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	16611	19.537	ug/l	99
67) Ethyl Benzene	10.195	91	77532	18.837	ug/l	98
68) m/p-Xylenes	10.299	106	60928	38.506	ug/l	97
69) o-Xylene	10.640	106	29877	18.813	ug/l	93
70) Styrene	10.659	104	50026	19.251	ug/l	97
71) Bromoform	10.799	173	12291	18.933	ug/l #	98
73) Isopropylbenzene	10.963	105	78303	19.754	ug/l	100
74) N-amyl acetate	10.841	43	28842	19.124	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	23609	20.165	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	22688m	20.334	ug/l	
77) Bromobenzene	11.201	156	19350	19.571	ug/l	91
78) n-propylbenzene	11.305	91	88529	19.650	ug/l	98
79) 2-Chlorotoluene	11.366	91	54102	19.597	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	66518	19.957	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6268	19.789	ug/l	94
82) 4-Chlorotoluene	11.457	91	62034	19.669	ug/l	96
83) tert-Butylbenzene	11.713	119	64868	20.015	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	66393	20.026	ug/l	97
85) sec-Butylbenzene	11.890	105	80783	19.879	ug/l	99
86) p-Isopropyltoluene	12.012	119	69518	20.066	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	36464	19.600	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	36638	19.261	ug/l	99
89) n-Butylbenzene	12.335	91	56892	19.648	ug/l	99
90) Hexachloroethane	12.542	117	10487	19.542	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	36506	20.111	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5211	19.171	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	21997	19.203	ug/l	97
94) Hexachlorobutadiene	13.725	225	9123	19.183	ug/l	97
95) Naphthalene	13.780	128	77113	19.811	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	23004	20.035	ug/l	98

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

