

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012122\
 Data File : VX026541.D
 Acq On : 21 Jan 2022 12:31
 Operator : JC/MD
 Sample : VX0121WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 03:57:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69042	47.329	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.660%		
35) Dibromofluoromethane	5.385	113	52845	47.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.920%		
50) Toluene-d8	8.647	98	200021	50.374	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.740%		
62) 4-Bromofluorobenzene	11.079	95	74364	52.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	20739	16.818	ug/l	98
3) Chloromethane	1.295	50	21426	18.954	ug/l	99
4) Vinyl Chloride	1.380	62	21214	17.874	ug/l	100
5) Bromomethane	1.618	94	11968	21.860	ug/l	99
6) Chloroethane	1.697	64	11405	19.003	ug/l	99
7) Trichlorofluoromethane	1.892	101	32727	17.466	ug/l	97
8) Diethyl Ether	2.136	74	12141	18.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	20842	18.252	ug/l	100
10) Methyl Iodide	2.459	142	27098	24.529	ug/l	97
11) Tert butyl alcohol	3.008	59	19544m	96.309	ug/l	
12) 1,1-Dichloroethene	2.325	96	19760	18.118	ug/l	94
13) Acrolein	2.239	56	18909	87.690	ug/l	98
14) Allyl chloride	2.666	41	36388	18.143	ug/l	97
15) Acrylonitrile	3.069	53	63269	101.282	ug/l	98
16) Acetone	2.392	43	69321	93.184	ug/l	99
17) Carbon Disulfide	2.514	76	52364	16.445	ug/l	100
18) Methyl Acetate	2.709	43	29847	20.181	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	72579	18.341	ug/l	99
20) Methylene Chloride	2.794	84	22720	18.485	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	21463	18.179	ug/l	98
22) Diisopropyl ether	3.757	45	77030	18.908	ug/l #	85
23) Vinyl Acetate	3.721	43	317448	94.662	ug/l	100
24) 1,1-Dichloroethane	3.611	63	40427	18.374	ug/l	99
25) 2-Butanone	4.562	43	92447	95.559	ug/l	98
26) 2,2-Dichloropropane	4.483	77	28550	17.506	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	25050	18.590	ug/l	99
28) Bromochloromethane	4.904	49	17772	19.672	ug/l	100
29) Tetrahydrofuran	5.013	42	55887	97.266	ug/l	99
30) Chloroform	5.093	83	44000	19.247	ug/l	100
31) Cyclohexane	5.477	56	37688	17.516	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	36333	18.069	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31241	17.960	ug/l	98
37) Ethyl Acetate	4.715	43	34209	19.441	ug/l	99
38) Carbon Tetrachloride	5.678	117	32573	18.204	ug/l	96
39) Methylcyclohexane	7.385	83	37914	18.070	ug/l	95
40) Benzene	6.044	78	91012	18.929	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19732	19.796	ug/l	97
42) 1,2-Dichloroethane	6.086	62	35119	18.669	ug/l	100
43) Isopropyl Acetate	6.342	43	54467	19.162	ug/l	99
44) Trichloroethene	7.123	130	26159	19.174	ug/l	100
45) 1,2-Dichloropropane	7.434	63	23501	19.582	ug/l	100
46) Dibromomethane	7.580	93	16453	19.448	ug/l	100
47) Bromodichloromethane	7.824	83	32855	19.220	ug/l	98
48) Methyl methacrylate	7.690	41	27249	19.344	ug/l	99
49) 1,4-Dioxane	7.702	88	8792	380.329	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	173908	103.152	ug/l	99
52) Toluene	8.720	92	57820	19.611	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31500	18.469	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	35909	19.558	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23950	20.816	ug/l	99
56) Ethyl methacrylate	9.116	69	35951	20.389	ug/l	99
57) 1,3-Dichloropropane	9.311	76	40572	20.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	99436	107.546	ug/l	99
59) 2-Hexanone	9.433	43	132084	102.361	ug/l	100
60) Dibromochloromethane	9.519	129	24713	20.612	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24419	20.367	ug/l	100
64) Tetrachloroethene	9.275	164	28321	19.554	ug/l	94
65) Chlorobenzene	10.079	112	62530	19.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22884	19.075	ug/l	99
67) Ethyl Benzene	10.195	91	112121	19.109	ug/l	99
68) m/p-Xylenes	10.299	106	85686	39.023	ug/l	99
69) o-Xylene	10.640	106	41792	19.725	ug/l	97
70) Styrene	10.659	104	68509	19.816	ug/l	99
71) Bromoform	10.799	173	15625	18.499	ug/l #	98
73) Isopropylbenzene	10.964	105	110089	19.193	ug/l	99
74) N-amyl acetate	10.848	43	41813	18.883	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	29428	19.114	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	30441m	19.758	ug/l	
77) Bromobenzene	11.201	156	25452	19.369	ug/l	100
78) n-propylbenzene	11.305	91	127220	19.450	ug/l	100
79) 2-Chlorotoluene	11.366	91	76031	19.169	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	92418	19.544	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7657	19.091	ug/l	92
82) 4-Chlorotoluene	11.457	91	87422	19.177	ug/l	100
83) tert-Butylbenzene	11.713	119	83987	19.026	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	91767	19.402	ug/l	99
85) sec-Butylbenzene	11.890	105	112367	19.679	ug/l	100
86) p-Isopropyltoluene	12.012	119	94642	19.756	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47143	19.140	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	46484	18.646	ug/l	97
89) n-Butylbenzene	12.335	91	80569	19.598	ug/l	99
90) Hexachloroethane	12.542	117	13130	17.886	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	44335	19.047	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6464	17.372	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	27857	18.667	ug/l	98
94) Hexachlorobutadiene	13.725	225	11995	19.041	ug/l	99
95) Naphthalene	13.774	128	94393	18.964	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28498	19.418	ug/l	100

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

