

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026268.D
 Acq On : 04 Jan 2022 13:55
 Operator : JC/MD
 Sample : VX0104WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 06:08:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	107142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82282	53.084	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.160%			
35) Dibromofluoromethane	5.385	113	57831	50.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.580%			
50) Toluene-d8	8.647	98	204429	47.797	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.600%			
62) 4-Bromofluorobenzene	11.079	95	78280	51.414	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	22855	20.311	ug/l	97
3) Chloromethane	1.294	50	22224	16.967	ug/l	100
4) Vinyl Chloride	1.380	62	23147	16.791	ug/l	99
5) Bromomethane	1.611	94	14107	16.582	ug/l	99
6) Chloroethane	1.691	64	14781	15.248	ug/l	99
7) Trichlorofluoromethane	1.892	101	39863	16.787	ug/l	96
8) Diethyl Ether	2.136	74	14635	17.940	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	24740	19.763	ug/l	99
10) Methyl Iodide	2.459	142	29827	18.424	ug/l	98
11) Tert butyl alcohol	2.959	59	27420	88.568	ug/l	98
12) 1,1-Dichloroethene	2.325	96	22612	19.059	ug/l	92
13) Acrolein	2.239	56	10090	91.144	ug/l	98
14) Allyl chloride	2.666	41	42857	18.279	ug/l	95
15) Acrylonitrile	3.062	53	72291	94.312	ug/l	98
16) Acetone	2.380	43	83424	99.335	ug/l	94
17) Carbon Disulfide	2.514	76	62506	18.357	ug/l	100
18) Methyl Acetate	2.703	43	52429	19.246	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	88809	21.430	ug/l	99
20) Methylene Chloride	2.794	84	25752	18.583	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	24940	19.269	ug/l	94
22) Diisopropyl ether	3.763	45	89323	19.960	ug/l	92
23) Vinyl Acetate	3.721	43	357171	100.514	ug/l	97
24) 1,1-Dichloroethane	3.611	63	48563	20.025	ug/l	99
25) 2-Butanone	4.556	43	113282	96.832	ug/l	99
26) 2,2-Dichloropropane	4.477	77	35514	19.436	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	29038	19.721	ug/l	92
28) Bromochloromethane	4.903	49	18531	17.240	ug/l	90
29) Tetrahydrofuran	5.001	42	70555	95.684	ug/l	94
30) Chloroform	5.092	83	50604	19.728	ug/l	99
31) Cyclohexane	5.470	56	43881	19.879	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	44448	19.932	ug/l	99
36) 1,1-Dichloropropene	5.696	75	36892	19.893	ug/l	98
37) Ethyl Acetate	4.714	43	41696	19.390	ug/l	100
38) Carbon Tetrachloride	5.678	117	38645	18.733	ug/l	96
39) Methylcyclohexane	7.379	83	42588	20.358	ug/l	92
40) Benzene	6.037	78	101922	19.256	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23474	19.331	ug/l	94
42) 1,2-Dichloroethane	6.086	62	43445	20.282	ug/l	97
43) Isopropyl Acetate	6.336	43	68745	19.615	ug/l	97
44) Trichloroethene	7.129	130	28467	19.988	ug/l	96
45) 1,2-Dichloropropane	7.433	63	26922	19.886	ug/l	98
46) Dibromomethane	7.580	93	19047	18.967	ug/l	99
47) Bromodichloromethane	7.824	83	38009	18.604	ug/l	95
48) Methyl methacrylate	7.696	41	33597	19.989	ug/l	94
49) 1,4-Dioxane	7.665	88	11122	359.069	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	211528	96.988	ug/l	98
52) Toluene	8.720	92	63719	19.555	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	34587	17.208	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	39335	18.216	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	25637	19.143	ug/l	96
56) Ethyl methacrylate	9.116	69	42351	20.504	ug/l	92
57) 1,3-Dichloropropane	9.311	76	45678	19.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	98587	95.606	ug/l	96
59) 2-Hexanone	9.433	43	162140	98.145	ug/l	98
60) Dibromochloromethane	9.518	129	26197	17.268	ug/l	98
61) 1,2-Dibromoethane	9.610	107	27258	19.023	ug/l	100
64) Tetrachloroethene	9.275	164	29571	22.494	ug/l	98
65) Chlorobenzene	10.079	112	65238	19.063	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	23791	18.244	ug/l	97
67) Ethyl Benzene	10.195	91	123044	20.108	ug/l	96
68) m/p-Xylenes	10.305	106	90238	39.496	ug/l	91
69) o-Xylene	10.640	106	44340	19.835	ug/l	92
70) Styrene	10.659	104	74114	20.224	ug/l	96
71) Bromoform	10.799	173	16074	15.194	ug/l #	100
73) Isopropylbenzene	10.963	105	117878	20.870	ug/l	98
74) N-amyl acetate	10.841	43	52792	20.356	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	34977	18.209	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35409m	20.189	ug/l	
77) Bromobenzene	11.201	156	27164	20.280	ug/l	91
78) n-propylbenzene	11.305	91	138350	21.304	ug/l	96
79) 2-Chlorotoluene	11.366	91	83928	20.995	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	100677	21.479	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	7771	12.818	ug/l #	70
82) 4-Chlorotoluene	11.457	91	97104	21.509	ug/l	94
83) tert-Butylbenzene	11.713	119	89796	19.738	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	101095	21.586	ug/l	96
85) sec-Butylbenzene	11.890	105	118311	20.839	ug/l	98
86) p-Isopropyltoluene	12.012	119	100260	21.183	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	50784	20.197	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	51186	18.987	ug/l	97
89) n-Butylbenzene	12.335	91	87395	20.778	ug/l	98
90) Hexachloroethane	12.542	117	13868	14.670	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	50091	19.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8224	16.724	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	30773	19.965	ug/l	98
94) Hexachlorobutadiene	13.725	225	13068	20.419	ug/l	100
95) Naphthalene	13.774	128	113081	20.136	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31324	19.974	ug/l	99

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

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