

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012422\
 Data File : VX026552.D
 Acq On : 24 Jan 2022 11:38
 Operator : JC/MD
 Sample : VX0124WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 03:24:26 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	103369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69589	48.192	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.380%			
35) Dibromofluoromethane	5.385	113	53575	50.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.140%			
50) Toluene-d8	8.647	98	203327	53.263	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.520%			
62) 4-Bromofluorobenzene	11.079	95	74392	54.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	20468	16.769	ug/l	98
3) Chloromethane	1.295	50	20694	18.494	ug/l	100
4) Vinyl Chloride	1.380	62	21514	18.313	ug/l	97
5) Bromomethane	1.618	94	11502	21.224	ug/l	96
6) Chloroethane	1.691	64	11166	18.796	ug/l	99
7) Trichlorofluoromethane	1.892	101	32613	17.583	ug/l	100
8) Diethyl Ether	2.136	74	11856	18.064	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	21308	18.851	ug/l	98
10) Methyl Iodide	2.459	142	25758	23.731	ug/l	99
11) Tert butyl alcohol	2.989	59	18615m	92.670	ug/l	
12) 1,1-Dichloroethene	2.325	96	19552	18.111	ug/l	93
13) Acrolein	2.239	56	21148	99.077	ug/l	99
14) Allyl chloride	2.666	41	35700	17.982	ug/l	98
15) Acrylonitrile	3.069	53	59812	96.728	ug/l	99
16) Acetone	2.392	43	70385	95.583	ug/l	99
17) Carbon Disulfide	2.514	76	52208	16.564	ug/l	99
18) Methyl Acetate	2.709	43	27979	19.112	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	70002	17.871	ug/l	98
20) Methylene Chloride	2.794	84	22413	18.422	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	21076	18.034	ug/l	96
22) Diisopropyl ether	3.757	45	74955	18.587	ug/l	87
23) Vinyl Acetate	3.727	43	305456	92.018	ug/l	99
24) 1,1-Dichloroethane	3.611	63	40117	18.420	ug/l	98
25) 2-Butanone	4.562	43	92267	96.349	ug/l	99
26) 2,2-Dichloropropane	4.483	77	28852	17.872	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	24845	18.627	ug/l	99
28) Bromochloromethane	4.904	49	17614	19.696	ug/l	97
29) Tetrahydrofuran	5.013	42	55211	97.073	ug/l	99
30) Chloroform	5.093	83	42060	18.587	ug/l	98
31) Cyclohexane	5.471	56	37203	17.468	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	36605	18.390	ug/l	99
36) 1,1-Dichloropropene	5.696	75	31333	18.736	ug/l	99
37) Ethyl Acetate	4.715	43	33961	20.075	ug/l	99
38) Carbon Tetrachloride	5.678	117	31995	18.600	ug/l	96
39) Methylcyclohexane	7.379	83	38276	18.975	ug/l	100
40) Benzene	6.044	78	88644	19.177	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18946	19.770	ug/l	98
42) 1,2-Dichloroethane	6.086	62	34657	19.163	ug/l	100
43) Isopropyl Acetate	6.336	43	52953	19.378	ug/l	100
44) Trichloroethene	7.129	130	25924	19.765	ug/l	95
45) 1,2-Dichloropropane	7.434	63	23056	19.983	ug/l	98
46) Dibromomethane	7.580	93	15944	19.603	ug/l	99
47) Bromodichloromethane	7.818	83	32267	19.634	ug/l	96
48) Methyl methacrylate	7.696	41	26353	19.459	ug/l	100
49) 1,4-Dioxane	7.696	88	8475	381.339	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	168002	103.651	ug/l	99
52) Toluene	8.720	92	57227	20.189	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	31115	18.925	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35425	20.070	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	22466	20.310	ug/l	98
56) Ethyl methacrylate	9.116	69	33906	20.001	ug/l	100
57) 1,3-Dichloropropane	9.311	76	39463	20.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	102911	115.774	ug/l	99
59) 2-Hexanone	9.433	43	129603	104.472	ug/l	99
60) Dibromochloromethane	9.525	129	24319	21.097	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23996	20.818	ug/l	99
64) Tetrachloroethene	9.275	164	27347	19.751	ug/l	95
65) Chlorobenzene	10.080	112	59744	19.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22869	19.940	ug/l	98
67) Ethyl Benzene	10.195	91	109347	19.495	ug/l	99
68) m/p-Xylenes	10.299	106	83011	39.547	ug/l	100
69) o-Xylene	10.640	106	40151	19.823	ug/l	99
70) Styrene	10.653	104	66330	20.069	ug/l	99
71) Bromoform	10.799	173	15904	19.551	ug/l #	99
73) Isopropylbenzene	10.964	105	108660	19.677	ug/l	100
74) N-amyl acetate	10.842	43	38873	18.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	28485	19.217	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	29384m	19.809	ug/l	
77) Bromobenzene	11.201	156	24265	19.180	ug/l	99
78) n-propylbenzene	11.305	91	122397	19.436	ug/l	100
79) 2-Chlorotoluene	11.366	91	73837	19.335	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	89630	19.687	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7935	20.169	ug/l	99
82) 4-Chlorotoluene	11.457	91	84272	19.201	ug/l	100
83) tert-Butylbenzene	11.713	119	82020	19.298	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	89422	19.637	ug/l	98
85) sec-Butylbenzene	11.890	105	108828	19.796	ug/l	100
86) p-Isopropyltoluene	12.012	119	91221	19.778	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	44946	18.954	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	45263	18.858	ug/l	98
89) n-Butylbenzene	12.335	91	77410	19.558	ug/l	100
90) Hexachloroethane	12.542	117	13565	19.034	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	43520	19.420	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6394	17.848	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	26388	18.367	ug/l	96
94) Hexachlorobutadiene	13.725	225	12093	19.939	ug/l	97
95) Naphthalene	13.774	128	91548	19.103	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26426	18.703	ug/l	98

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

