

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040077.D
 Acq On : 02 Feb 2024 11:23
 Operator : JC/MD
 Sample : VX0202WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0202WBS01

Quant Time: Feb 03 02:11:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	97023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76851	49.217	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.440%		
35) Dibromofluoromethane	5.385	113	59828	50.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.580%		
50) Toluene-d8	8.647	98	221476	50.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.560%		
62) 4-Bromofluorobenzene	11.079	95	83963	49.501	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22882	20.939	ug/l	95
3) Chloromethane	1.295	50	22038	21.264	ug/l	99
4) Vinyl Chloride	1.374	62	22018	22.972	ug/l	100
5) Bromomethane	1.605	94	13697	14.700	ug/l	99
6) Chloroethane	1.685	64	10225	16.159	ug/l	98
7) Trichlorofluoromethane	1.886	101	23145	15.177	ug/l	98
8) Diethyl Ether	2.136	74	8726	16.185	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	22052	19.380	ug/l	98
10) Methyl Iodide	2.453	142	23546	19.439	ug/l	95
11) Tert butyl alcohol	2.959	59	27805	98.138	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	20738	19.004	ug/l	86
13) Acrolein	2.239	56	31854	117.347	ug/l	99
14) Allyl chloride	2.666	41	37282	18.953	ug/l	98
15) Acrylonitrile	3.062	53	70314	99.072	ug/l	99
16) Acetone	2.380	43	69339	94.775	ug/l	96
17) Carbon Disulfide	2.514	76	54059	16.943	ug/l	100
18) Methyl Acetate	2.703	43	40431	23.327	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	70682	18.908	ug/l	100
20) Methylene Chloride	2.788	84	23804	18.308	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	22413	18.650	ug/l	92
22) Diisopropyl ether	3.757	45	75590	19.839	ug/l	88
23) Vinyl Acetate	3.721	43	323652	94.914	ug/l	99
24) 1,1-Dichloroethane	3.611	63	42540	19.494	ug/l	99
25) 2-Butanone	4.556	43	101012	99.321	ug/l	99
26) 2,2-Dichloropropane	4.477	77	30239	17.759	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	26260	19.583	ug/l	94
28) Bromochloromethane	4.898	49	17396	17.095	ug/l	96
29) Tetrahydrofuran	5.007	42	65968	102.014	ug/l	99
30) Chloroform	5.093	83	43872	18.723	ug/l	97
31) Cyclohexane	5.477	56	36433	18.627	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	36715	18.257	ug/l	99
36) 1,1-Dichloropropene	5.690	75	32355	18.993	ug/l	99
37) Ethyl Acetate	4.721	43	38141	20.501	ug/l	99
38) Carbon Tetrachloride	5.678	117	29526	18.114	ug/l	97
39) Methylcyclohexane	7.379	83	37583	18.133	ug/l	94
40) Benzene	6.038	78	93006	18.745	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20197	21.406	ug/l	94
42) 1,2-Dichloroethane	6.086	62	35878	18.784	ug/l	99
43) Isopropyl Acetate	6.342	43	58669	19.997	ug/l	98
44) Trichloroethene	7.123	130	23160	17.737	ug/l	95
45) 1,2-Dichloropropane	7.434	63	24695	18.850	ug/l	94
46) Dibromomethane	7.586	93	17732	18.033	ug/l	98
47) Bromodichloromethane	7.818	83	33522	19.141	ug/l #	99
48) Methyl methacrylate	7.696	41	30031	20.779	ug/l	95
49) 1,4-Dioxane	7.659	88	12704	404.503	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	206692	103.202	ug/l	98
52) Toluene	8.720	92	58890	19.042	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	32992	18.164	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	36339	18.749	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	24909	19.459	ug/l	99
56) Ethyl methacrylate	9.116	69	35897	19.203	ug/l	97
57) 1,3-Dichloropropane	9.311	76	41009	19.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	95147	101.220	ug/l	96
59) 2-Hexanone	9.427	43	164424	102.967	ug/l	98
60) Dibromochloromethane	9.519	129	23999	18.658	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26995	19.506	ug/l	95
64) Tetrachloroethene	9.275	164	19972	18.926	ug/l	98
65) Chlorobenzene	10.080	112	62376	18.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	20777	18.353	ug/l	97
67) Ethyl Benzene	10.195	91	114481	19.034	ug/l	99
68) m/p-Xylenes	10.299	106	85708	37.878	ug/l	99
69) o-Xylene	10.640	106	41815	19.482	ug/l	100
70) Styrene	10.653	104	70569	19.508	ug/l	98
71) Bromoform	10.799	173	16250	18.668	ug/l #	98
73) Isopropylbenzene	10.964	105	110834	19.237	ug/l	98
74) N-amyl acetate	10.842	43	51391	19.481	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	40630	18.757	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33372m	19.531	ug/l	
77) Bromobenzene	11.195	156	26084	19.626	ug/l	98
78) n-propylbenzene	11.305	91	137043	19.329	ug/l	98
79) 2-Chlorotoluene	11.366	91	79415	18.606	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	93756	18.930	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8919	18.207	ug/l	93
82) 4-Chlorotoluene	11.451	91	93451	19.076	ug/l	98
83) tert-Butylbenzene	11.713	119	88126	18.594	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	93125	18.843	ug/l	99
85) sec-Butylbenzene	11.890	105	119314	19.002	ug/l	98
86) p-Isopropyltoluene	12.006	119	96462	18.813	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	50522	18.843	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	50673	18.463	ug/l	99
89) n-Butylbenzene	12.335	91	91895	18.465	ug/l	98
90) Hexachloroethane	12.536	117	14190	17.912	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	49004	18.956	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8727	17.773	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	27564	17.057	ug/l	94
94) Hexachlorobutadiene	13.725	225	10176	15.986	ug/l	97
95) Naphthalene	13.774	128	94094	17.143	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28460	17.812	ug/l	97

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

