

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040060.D
 Acq On : 01 Feb 2024 10:55
 Operator : JC/MD
 Sample : VX0201WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBS01

Quant Time: Feb 02 01:36:23 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 02/02/2024
 Supervised By :Semsettin Yesilyurt 02/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68795	49.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.060%		
35) Dibromofluoromethane	5.385	113	51929	47.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.920%		
50) Toluene-d8	8.647	98	193775	47.850	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.700%		
62) 4-Bromofluorobenzene	11.079	95	75213	48.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	17294	17.610	ug/l	100
3) Chloromethane	1.295	50	15842	17.010	ug/l	100
4) Vinyl Chloride	1.374	62	15946	18.513	ug/l	97
5) Bromomethane	1.606	94	11293	13.487	ug/l	100
6) Chloroethane	1.685	64	9904	17.417	ug/l	94
7) Trichlorofluoromethane	1.886	101	23210	16.936	ug/l	95
8) Diethyl Ether	2.136	74	8974	18.522	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	19029	18.610	ug/l	96
10) Methyl Iodide	2.453	142	21445	19.701	ug/l	97
11) Tert butyl alcohol	2.953	59	23725	93.181	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	18035	18.390	ug/l	99
13) Acrolein	2.233	56	22557	92.469	ug/l	98
14) Allyl chloride	2.666	41	33097	18.723	ug/l	97
15) Acrylonitrile	3.063	53	60959	95.578	ug/l	98
16) Acetone	2.374	43	62549	95.135	ug/l	94
17) Carbon Disulfide	2.514	76	50853	17.736	ug/l	96
18) Methyl Acetate	2.703	43	34361	22.061	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	64961	19.338	ug/l	96
20) Methylene Chloride	2.788	84	21772	18.634	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	21247	19.673	ug/l	95
22) Diisopropyl ether	3.758	45	67439	19.696	ug/l	89
23) Vinyl Acetate	3.721	43	290705	94.866	ug/l	99
24) 1,1-Dichloroethane	3.605	63	39496	20.140	ug/l	97
25) 2-Butanone	4.556	43	87745	96.006	ug/l	95
26) 2,2-Dichloropropane	4.477	77	28072	18.346	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	23767	19.723	ug/l	94
28) Bromochloromethane	4.904	49	19212	21.009	ug/l	98
29) Tetrahydrofuran	5.001	42	55467	95.448	ug/l	98
30) Chloroform	5.087	83	40095	19.040	ug/l	99
31) Cyclohexane	5.471	56	33682	19.163	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	33188	18.365	ug/l	97
36) 1,1-Dichloropropene	5.690	75	28104	17.945	ug/l	98
37) Ethyl Acetate	4.709	43	31662	18.512	ug/l	99
38) Carbon Tetrachloride	5.678	117	26876	17.936	ug/l	99
39) Methylcyclohexane	7.379	83	33378	17.517	ug/l	99
40) Benzene	6.038	78	81069	17.773	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17660	20.360	ug/l	94
42) 1,2-Dichloroethane	6.080	62	31795	18.108	ug/l	100
43) Isopropyl Acetate	6.336	43	48334	17.920	ug/l	99
44) Trichloroethene	7.123	130	21430	17.853	ug/l	88
45) 1,2-Dichloropropane	7.428	63	21063	17.489	ug/l	95
46) Dibromomethane	7.580	93	15759	17.433	ug/l	96
47) Bromodichloromethane	7.818	83	28575	17.749	ug/l	100
48) Methyl methacrylate	7.696	41	23720	17.853	ug/l	90
49) 1,4-Dioxane	7.659	88	10754	372.470	ug/l #	90
51) 4-Methyl-2-Pentanone	8.568	43	170809	92.772	ug/l	100
52) Toluene	8.720	92	54244	19.080	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	30482	18.255	ug/l	98
54) cis-1,3-Dichloropropene	8.367	75	32076	18.002	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	21852	18.569	ug/l #	94
56) Ethyl methacrylate	9.116	69	32356	18.829	ug/l	97
57) 1,3-Dichloropropane	9.305	76	37443	19.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	76312	88.309	ug/l	96
59) 2-Hexanone	9.427	43	139755	95.201	ug/l	99
60) Dibromochloromethane	9.519	129	21362	18.066	ug/l	100
61) 1,2-Dibromoethane	9.610	107	23506	18.476	ug/l	95
64) Tetrachloroethene	9.275	164	18144	19.585	ug/l	94
65) Chlorobenzene	10.080	112	55747	18.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	18466	18.580	ug/l	96
67) Ethyl Benzene	10.189	91	100605	19.053	ug/l	99
68) m/p-Xylenes	10.299	106	78012	39.272	ug/l	99
69) o-Xylene	10.640	106	36908	19.588	ug/l	98
70) Styrene	10.653	104	62027	19.531	ug/l	99
71) Bromoform	10.799	173	14047	18.396	ug/l #	98
73) Isopropylbenzene	10.964	105	100085	19.428	ug/l	99
74) N-amyl acetate	10.842	43	42551	18.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	35636	18.399	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	29451m	19.277	ug/l	
77) Bromobenzene	11.195	156	22241	18.716	ug/l	98
78) n-propylbenzene	11.305	91	122570	19.334	ug/l	97
79) 2-Chlorotoluene	11.360	91	71496	18.733	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88889	20.072	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	8024	18.312	ug/l	96
82) 4-Chlorotoluene	11.451	91	88810	20.274	ug/l	100
83) tert-Butylbenzene	11.713	119	80515	19.000	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	84978	19.230	ug/l	100
85) sec-Butylbenzene	11.890	105	105439	18.780	ug/l	99
86) p-Isopropyltoluene	12.006	119	86504	18.868	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	44459	18.545	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	46131	18.798	ug/l	98
89) n-Butylbenzene	12.329	91	83603	18.788	ug/l	97
90) Hexachloroethane	12.536	117	13241	18.670	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	43530	18.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7858	17.898	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	28572	19.774	ug/l	96
94) Hexachlorobutadiene	13.725	225	10834	19.034	ug/l	97
95) Naphthalene	13.774	128	94671	19.290	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27455	19.217	ug/l	99

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

