

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011124\
 Data File : VX039713.D
 Acq On : 11 Jan 2024 10:36
 Operator : JC/MD
 Sample : VX0111WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2024
 Supervised By : Semsettin Yesilyurt 01/12/2024

Quant Time: Jan 12 01:49:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	115637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83597	43.156	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.320%		
35) Dibromofluoromethane	5.379	113	63947	46.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.100%		
50) Toluene-d8	8.647	98	242691	46.338	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.680%		
62) 4-Bromofluorobenzene	11.079	95	93057	45.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	28277	18.900	ug/l	95
3) Chloromethane	1.295	50	29437	17.228	ug/l	98
4) Vinyl Chloride	1.374	62	29825	18.496	ug/l	95
5) Bromomethane	1.605	94	18471	20.075	ug/l	92
6) Chloroethane	1.685	64	17519	19.111	ug/l	97
7) Trichlorofluoromethane	1.886	101	43292	18.611	ug/l	100
8) Diethyl Ether	2.130	74	15344	17.849	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	26409	18.312	ug/l	99
10) Methyl Iodide	2.453	142	25974	17.073	ug/l	93
11) Tert butyl alcohol	2.947	59	40653	80.622	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	25451	18.287	ug/l	92
13) Acrolein	2.233	56	29075	83.582	ug/l	99
14) Allyl chloride	2.660	41	48309	17.636	ug/l	97
15) Acrylonitrile	3.056	53	92938	89.227	ug/l	99
16) Acetone	2.374	43	97087	89.119	ug/l	96
17) Carbon Disulfide	2.514	76	72365	18.090	ug/l	100
18) Methyl Acetate	2.697	43	40958	17.971	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	86908	17.589	ug/l	98
20) Methylene Chloride	2.788	84	29189	17.714	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	26489	18.086	ug/l	94
22) Diisopropyl ether	3.751	45	94970	18.167	ug/l	93
23) Vinyl Acetate	3.715	43	448814	92.363	ug/l	98
24) 1,1-Dichloroethane	3.605	63	52163	18.138	ug/l	98
25) 2-Butanone	4.544	43	136242	87.025	ug/l	97
26) 2,2-Dichloropropane	4.477	77	40716	17.640	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	31463	18.730	ug/l	97
28) Bromochloromethane	4.891	49	25773	19.771	ug/l	95
29) Tetrahydrofuran	4.989	42	88045	87.376	ug/l	99
30) Chloroform	5.087	83	52514	18.497	ug/l	99
31) Cyclohexane	5.458	56	47471	18.569	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	44062	18.129	ug/l	98
36) 1,1-Dichloropropene	5.684	75	39791	18.409	ug/l	98
37) Ethyl Acetate	4.709	43	49397	17.130	ug/l	99
38) Carbon Tetrachloride	5.672	117	35500	17.932	ug/l	97
39) Methylcyclohexane	7.373	83	48232	18.583	ug/l	97
40) Benzene	6.031	78	113147	18.486	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	25009	17.736	ug/l	93
42) 1,2-Dichloroethane	6.080	62	42914	18.442	ug/l	99
43) Isopropyl Acetate	6.330	43	76884	18.175	ug/l	99
44) Trichloroethene	7.117	130	27933	18.622	ug/l	96
45) 1,2-Dichloropropane	7.428	63	29998	18.270	ug/l	98
46) Dibromomethane	7.574	93	21092	18.599	ug/l	96
47) Bromodichloromethane	7.818	83	39927	19.010	ug/l	99
48) Methyl methacrylate	7.690	41	36628	17.616	ug/l	94
49) 1,4-Dioxane	7.653	88	14300	355.433	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	259254	88.989	ug/l	99
52) Toluene	8.714	92	70100	19.175	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	41163	18.469	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	45593	18.605	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	28571	18.356	ug/l	94
56) Ethyl methacrylate	9.110	69	46337	18.394	ug/l	97
57) 1,3-Dichloropropane	9.305	76	49154	18.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	108379	91.020	ug/l	95
59) 2-Hexanone	9.427	43	209291	90.770	ug/l	99
60) Dibromochloromethane	9.519	129	27853	18.976	ug/l	97
61) 1,2-Dibromoethane	9.604	107	30210	18.743	ug/l	98
64) Tetrachloroethene	9.269	164	22330	18.101	ug/l	92
65) Chlorobenzene	10.073	112	71967	18.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	24757	18.401	ug/l	98
67) Ethyl Benzene	10.189	91	135524	18.475	ug/l	96
68) m/p-Xylenes	10.299	106	99076	36.725	ug/l	95
69) o-Xylene	10.640	106	48803	18.267	ug/l	98
70) Styrene	10.653	104	80389	18.420	ug/l	99
71) Bromoform	10.799	173	18411	18.224	ug/l #	98
73) Isopropylbenzene	10.957	105	129357	18.130	ug/l	100
74) N-amyl acetate	10.842	43	65653	17.653	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	48229	17.702	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40194m	17.300	ug/l	
77) Bromobenzene	11.195	156	28840	18.154	ug/l	97
78) n-propylbenzene	11.305	91	160085	18.538	ug/l	97
79) 2-Chlorotoluene	11.360	91	95369	17.868	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	111100	18.334	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12388	17.666	ug/l	99
82) 4-Chlorotoluene	11.451	91	111604	18.435	ug/l	98
83) tert-Butylbenzene	11.713	119	104768	18.109	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	112152	18.551	ug/l	100
85) sec-Butylbenzene	11.890	105	139515	18.577	ug/l	98
86) p-Isopropyltoluene	12.006	119	112831	18.798	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	56084	18.417	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	56582	17.990	ug/l	98
89) n-Butylbenzene	12.329	91	107682	18.575	ug/l	96
90) Hexachloroethane	12.536	117	18294	18.067	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	54382	18.064	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10928	16.369	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	33093	17.987	ug/l	99
94) Hexachlorobutadiene	13.725	225	14761	19.301	ug/l	97
95) Naphthalene	13.774	128	117472	17.344	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	32827	17.679	ug/l	99

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

