

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044055.D
 Acq On : 02 Dec 2024 11:00
 Operator : JC/MD
 Sample : VX1202WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBS01

Quant Time: Dec 03 00:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133564	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	236701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	125654	54.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.700%			
35) Dibromofluoromethane	5.379	113	90819	53.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.400%			
50) Toluene-d8	8.647	98	296189	50.802	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	11.079	95	104667	52.750	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29716	17.562	ug/l	100
3) Chloromethane	1.294	50	30111	16.911	ug/l	99
4) Vinyl Chloride	1.374	62	32379	17.097	ug/l	95
5) Bromomethane	1.593	94	23059	19.792	ug/l	97
6) Chloroethane	1.666	64	19812	17.168	ug/l	98
7) Trichlorofluoromethane	1.867	101	59672	17.623	ug/l	96
8) Diethyl Ether	2.136	74	21417	17.354	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	29983	18.564	ug/l	99
10) Methyl Iodide	2.441	142	38201	18.938	ug/l	99
11) Tert butyl alcohol	3.001	59	32200	87.571	ug/l	98
12) 1,1-Dichloroethene	2.313	96	27855	18.099	ug/l	99
13) Acrolein	2.239	56	40750	105.141	ug/l	97
14) Allyl chloride	2.654	41	47601	18.928	ug/l	97
15) Acrylonitrile	3.062	53	80290	89.603	ug/l	98
16) Acetone	2.386	43	94179	89.509	ug/l	96
17) Carbon Disulfide	2.502	76	50453	15.892	ug/l	99
18) Methyl Acetate	2.703	43	46123	18.824	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	113241	20.264	ug/l	97
20) Methylene Chloride	2.782	84	32788	18.363	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	29606	18.632	ug/l	98
22) Diisopropyl ether	3.757	45	110045	20.464	ug/l	90
23) Vinyl Acetate	3.715	43	447653	97.315	ug/l	99
24) 1,1-Dichloroethane	3.605	63	61692	19.887	ug/l	99
25) 2-Butanone	4.556	43	122715	90.389	ug/l	100
26) 2,2-Dichloropropane	4.471	77	57471	20.513	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	37812	19.251	ug/l	98
28) Bromochloromethane	4.891	49	24973	18.289	ug/l	99
29) Tetrahydrofuran	5.001	42	72622	87.253	ug/l	99
30) Chloroform	5.086	83	67602	20.261	ug/l	98
31) Cyclohexane	5.458	56	45725	17.909	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	59601	20.714	ug/l	99
36) 1,1-Dichloropropene	5.684	75	41511	19.696	ug/l	99
37) Ethyl Acetate	4.715	43	45913	17.549	ug/l	98
38) Carbon Tetrachloride	5.672	117	46126	19.477	ug/l	92
39) Methylcyclohexane	7.373	83	48820	17.830	ug/l	97
40) Benzene	6.031	78	127296	19.390	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25048	18.706	ug/l	95
42) 1,2-Dichloroethane	6.080	62	54009	20.484	ug/l	99
43) Isopropyl Acetate	6.336	43	79280	19.041	ug/l	99
44) Trichloroethene	7.123	130	31641	17.025	ug/l	96
45) 1,2-Dichloropropane	7.427	63	32914	20.470	ug/l	92
46) Dibromomethane	7.580	93	25657	20.171	ug/l	98
47) Bromodichloromethane	7.818	83	46362	20.323	ug/l	96
48) Methyl methacrylate	7.696	41	36925	18.482	ug/l	99
49) 1,4-Dioxane	7.671	88	11948	335.731	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	235866	92.830	ug/l	99
52) Toluene	8.714	92	76076	19.361	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	44286	19.037	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49007	19.217	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	31692	19.538	ug/l	95
56) Ethyl methacrylate	9.116	69	49341	19.530	ug/l	98
57) 1,3-Dichloropropane	9.305	76	54631	19.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123411	88.471	ug/l	98
59) 2-Hexanone	9.433	43	179096	93.779	ug/l	98
60) Dibromochloromethane	9.519	129	31304	19.235	ug/l	97
61) 1,2-Dibromoethane	9.604	107	32243	19.659	ug/l	99
64) Tetrachloroethene	9.269	164	24903	19.767	ug/l	98
65) Chlorobenzene	10.079	112	82674	19.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28160	20.693	ug/l	98
67) Ethyl Benzene	10.189	91	147229	20.706	ug/l	97
68) m/p-Xylenes	10.299	106	110161	41.545	ug/l	99
69) o-Xylene	10.640	106	55187	21.316	ug/l	98
70) Styrene	10.652	104	89632	20.932	ug/l	98
71) Bromoform	10.799	173	18242	19.030	ug/l #	100
73) Isopropylbenzene	10.957	105	142787	20.623	ug/l	99
74) N-amyl acetate	10.841	43	64575	20.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	47782	20.155	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39067m	19.778	ug/l	
77) Bromobenzene	11.195	156	33215	20.110	ug/l	98
78) n-propylbenzene	11.305	91	159743	20.657	ug/l	99
79) 2-Chlorotoluene	11.360	91	99937	20.438	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	121093	21.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13239	18.289	ug/l	95
82) 4-Chlorotoluene	11.451	91	116017	21.016	ug/l	99
83) tert-Butylbenzene	11.713	119	120448	21.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	120363	21.224	ug/l	99
85) sec-Butylbenzene	11.890	105	143763	20.782	ug/l	100
86) p-Isopropyltoluene	12.006	119	120535	21.451	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60741	20.192	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	61904	20.184	ug/l	98
89) n-Butylbenzene	12.329	91	99591	20.102	ug/l	99
90) Hexachloroethane	12.536	117	18114	18.958	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	62628	20.630	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8844	18.617	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	34973	19.540	ug/l	98
94) Hexachlorobutadiene	13.725	225	13825	19.544	ug/l	99
95) Naphthalene	13.774	128	130543	20.262	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	35504	19.599	ug/l	97

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

