

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044247.D
 Acq On : 12 Dec 2024 13:10
 Operator : JC/MD
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

Quant Time: Dec 13 01:37:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118361	50.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.700%			
35) Dibromofluoromethane	5.385	113	84401	50.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%			
50) Toluene-d8	8.647	98	300037	53.242	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.480%			
62) 4-Bromofluorobenzene	11.079	95	102109	51.855	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39826	19.401	ug/l	98
3) Chloromethane	1.294	50	39270	20.005	ug/l	99
4) Vinyl Chloride	1.374	62	40969	20.033	ug/l	99
5) Bromomethane	1.593	94	28268	19.484	ug/l	95
6) Chloroethane	1.666	64	28336	22.252	ug/l	100
7) Trichlorofluoromethane	1.867	101	76319	19.063	ug/l	100
8) Diethyl Ether	2.130	74	26181	19.158	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	31427	19.399	ug/l	98
10) Methyl Iodide	2.447	142	41346	19.364	ug/l	97
11) Tert butyl alcohol	2.995	59	32191	98.129	ug/l	96
12) 1,1-Dichloroethene	2.306	96	29548	19.857	ug/l	98
13) Acrolein	2.239	56	43677	91.978	ug/l	99
14) Allyl chloride	2.654	41	49173	19.840	ug/l	99
15) Acrylonitrile	3.068	53	91895	101.127	ug/l	97
16) Acetone	2.386	43	94080	99.142	ug/l	99
17) Carbon Disulfide	2.501	76	51534	18.219	ug/l	99
18) Methyl Acetate	2.709	43	49265	20.135	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	116071	19.989	ug/l	98
20) Methylene Chloride	2.782	84	35616	19.983	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	32026	20.251	ug/l	96
22) Diisopropyl ether	3.763	45	112221	20.107	ug/l	91
23) Vinyl Acetate	3.721	43	465899	102.677	ug/l	99
24) 1,1-Dichloroethane	3.605	63	64425	20.708	ug/l	99
25) 2-Butanone	4.568	43	133197	98.733	ug/l	96
26) 2,2-Dichloropropane	4.471	77	50070	19.811	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	38911	19.373	ug/l	99
28) Bromochloromethane	4.891	49	33686	22.081	ug/l	92
29) Tetrahydrofuran	5.013	42	83712	96.674	ug/l	99
30) Chloroform	5.086	83	70234	20.093	ug/l	99
31) Cyclohexane	5.464	56	50094	19.940	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	57869	19.945	ug/l	98
36) 1,1-Dichloropropene	5.690	75	43903	20.333	ug/l	97
37) Ethyl Acetate	4.714	43	50649	18.977	ug/l	98
38) Carbon Tetrachloride	5.672	117	45707	19.662	ug/l	97
39) Methylcyclohexane	7.379	83	52515	20.345	ug/l	98
40) Benzene	6.031	78	135605	20.685	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	27117	19.133	ug/l	98
42) 1,2-Dichloroethane	6.086	62	55423	20.523	ug/l	98
43) Isopropyl Acetate	6.342	43	84653	20.292	ug/l	99
44) Trichloroethene	7.123	130	32924	20.139	ug/l	98
45) 1,2-Dichloropropane	7.427	63	33717	20.131	ug/l	96
46) Dibromomethane	7.580	93	26975	20.760	ug/l	99
47) Bromodichloromethane	7.818	83	45464	20.260	ug/l	97
48) Methyl methacrylate	7.696	41	39133	19.325	ug/l	99
49) 1,4-Dioxane	7.671	88	11263	335.465	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	271057	101.055	ug/l	99
52) Toluene	8.714	92	83410	20.261	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	44479	19.671	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	50293	20.583	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	33722	20.619	ug/l	98
56) Ethyl methacrylate	9.116	69	52506	20.336	ug/l	99
57) 1,3-Dichloropropane	9.305	76	58542	20.565	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	114914	88.244	ug/l	100
59) 2-Hexanone	9.433	43	201256	103.660	ug/l	98
60) Dibromochloromethane	9.518	129	30322	18.802	ug/l	95
61) 1,2-Dibromoethane	9.610	107	34406	20.667	ug/l	98
64) Tetrachloroethene	9.269	164	28417	20.404	ug/l	95
65) Chlorobenzene	10.079	112	91488	20.347	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	31095	21.518	ug/l	97
67) Ethyl Benzene	10.189	91	156555	20.151	ug/l	98
68) m/p-Xylenes	10.299	106	116037	40.704	ug/l	99
69) o-Xylene	10.640	106	57216	19.836	ug/l	98
70) Styrene	10.652	104	93945	20.317	ug/l	99
71) Bromoform	10.799	173	18013	19.836	ug/l #	100
73) Isopropylbenzene	10.963	105	149735	20.870	ug/l	100
74) N-amyl acetate	10.841	43	67065	20.226	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	49866	20.011	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	41167m	19.673	ug/l	
77) Bromobenzene	11.195	156	35711	20.526	ug/l	98
78) n-propylbenzene	11.305	91	164649	20.763	ug/l	98
79) 2-Chlorotoluene	11.360	91	104086	20.296	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	124057	20.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11238	19.251	ug/l	83
82) 4-Chlorotoluene	11.451	91	118994	20.953	ug/l	99
83) tert-Butylbenzene	11.713	119	123083	20.932	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	123951	21.213	ug/l	99
85) sec-Butylbenzene	11.890	105	149776	20.982	ug/l	100
86) p-Isopropyltoluene	12.006	119	123181	20.733	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63466	20.884	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	63886	20.450	ug/l	99
89) n-Butylbenzene	12.329	91	100614	20.139	ug/l	99
90) Hexachloroethane	12.536	117	17084	19.698	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	65438	20.737	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8876	18.348	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	34595	19.997	ug/l	98
94) Hexachlorobutadiene	13.725	225	13665	19.637	ug/l	97
95) Naphthalene	13.774	128	134018	19.846	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36729	20.017	ug/l	96

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

