

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044178.D
 Acq On : 09 Dec 2024 11:24
 Operator : JC/MD
 Sample : VX1209WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBS01

Quant Time: Dec 10 01:38:21 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 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	138067	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	244472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	121268	51.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.420%
35) Dibromofluoromethane	5.379	113	87968	50.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.720%
50) Toluene-d8	8.647	98	293099	48.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	104206	50.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25847	14.777	ug/l	99
3) Chloromethane	1.295	50	29200	15.865	ug/l	99
4) Vinyl Chloride	1.374	62	31291	15.983	ug/l	99
5) Bromomethane	1.593	94	23368	19.403	ug/l	94
6) Chloroethane	1.666	64	23761	19.919	ug/l	99
7) Trichlorofluoromethane	1.868	101	68333	19.523	ug/l	99
8) Diethyl Ether	2.130	74	24094	18.887	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	30299	18.148	ug/l	99
10) Methyl Iodide	2.441	142	37303	17.890	ug/l	97
11) Tert butyl alcohol	2.989	59	33332	87.693	ug/l	99
12) 1,1-Dichloroethene	2.307	96	26910	16.915	ug/l	98
13) Acrolein	2.233	56	41729	104.156	ug/l	95
14) Allyl chloride	2.654	41	46940	18.057	ug/l	96
15) Acrylonitrile	3.069	53	89926	97.083	ug/l	98
16) Acetone	2.386	43	105420	96.925	ug/l	98
17) Carbon Disulfide	2.502	76	45722	13.932	ug/l	97
18) Methyl Acetate	2.703	43	50065	19.766	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	116673	20.197	ug/l	98
20) Methylene Chloride	2.782	84	33093	17.930	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	29302	17.839	ug/l	96
22) Diisopropyl ether	3.764	45	109479	19.695	ug/l	97
23) Vinyl Acetate	3.721	43	463465	97.466	ug/l	99
24) 1,1-Dichloroethane	3.599	63	60828	18.969	ug/l	98
25) 2-Butanone	4.562	43	139590	99.466	ug/l	99
26) 2,2-Dichloropropane	4.465	77	53179	18.362	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	37635	18.536	ug/l	99
28) Bromochloromethane	4.891	49	30600	21.678	ug/l	97
29) Tetrahydrofuran	5.007	42	84862	98.634	ug/l	99
30) Chloroform	5.087	83	67049	19.440	ug/l	94
31) Cyclohexane	5.458	56	47372	17.949	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	57469	19.322	ug/l	100
36) 1,1-Dichloropropene	5.690	75	41223	18.937	ug/l	98
37) Ethyl Acetate	4.715	43	52058	19.266	ug/l	99
38) Carbon Tetrachloride	5.672	117	44537	18.208	ug/l	95
39) Methylcyclohexane	7.373	83	51187	18.100	ug/l	95
40) Benzene	6.031	78	125330	18.484	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28061	20.290	ug/l	95
42) 1,2-Dichloroethane	6.086	62	54359	19.961	ug/l	98
43) Isopropyl Acetate	6.342	43	87044	20.241	ug/l	99
44) Trichloroethene	7.123	130	30375	15.824	ug/l	88
45) 1,2-Dichloropropane	7.428	63	31819	19.160	ug/l	96
46) Dibromomethane	7.580	93	25677	19.545	ug/l	99
47) Bromodichloromethane	7.818	83	45411	19.274	ug/l	94
48) Methyl methacrylate	7.690	41	39967	19.369	ug/l	98
49) 1,4-Dioxane	7.665	88	9999	272.034	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	272719	103.922	ug/l	97
52) Toluene	8.714	92	79528	19.596	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	45407	18.899	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	50210	19.063	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	32520	19.411	ug/l	95
56) Ethyl methacrylate	9.116	69	52628	20.168	ug/l	99
57) 1,3-Dichloropropane	9.305	76	56861	20.148	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	120482	83.607	ug/l	98
59) 2-Hexanone	9.433	43	206270	104.575	ug/l	99
60) Dibromochloromethane	9.519	129	31752	18.890	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33872	19.995	ug/l	97
64) Tetrachloroethene	9.269	164	27438	19.912	ug/l	94
65) Chlorobenzene	10.079	112	86930	18.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	29738	19.979	ug/l	98
67) Ethyl Benzene	10.189	91	153285	19.709	ug/l	99
68) m/p-Xylenes	10.299	106	112617	38.830	ug/l	98
69) o-Xylene	10.640	106	57207	20.202	ug/l	98
70) Styrene	10.653	104	91943	19.631	ug/l	99
71) Bromoform	10.799	173	17741	17.090	ug/l #	98
73) Isopropylbenzene	10.963	105	148847	20.211	ug/l	99
74) N-amyl acetate	10.842	43	68730	20.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	50588	20.061	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42281m	20.124	ug/l	
77) Bromobenzene	11.195	156	34426	19.595	ug/l	99
78) n-propylbenzene	11.305	91	165076	20.069	ug/l	100
79) 2-Chlorotoluene	11.360	91	103092	19.821	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	121500	20.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12436	16.151	ug/l	88
82) 4-Chlorotoluene	11.451	91	115232	19.624	ug/l	99
83) tert-Butylbenzene	11.713	119	122790	20.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	124841	20.696	ug/l	96
85) sec-Butylbenzene	11.890	105	148512	20.184	ug/l	100
86) p-Isopropyltoluene	12.006	119	125408	20.982	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	61556	19.238	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	61826	18.952	ug/l	95
89) n-Butylbenzene	12.329	91	104032	19.742	ug/l	99
90) Hexachloroethane	12.536	117	17841	17.554	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	61888	19.166	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9884	19.561	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	35332	18.559	ug/l	100
94) Hexachlorobutadiene	13.725	225	14463	19.222	ug/l	97
95) Naphthalene	13.774	128	139855	20.408	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	37158	19.284	ug/l	97

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

