

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044201.D
 Acq On : 10 Dec 2024 12:22
 Operator : JC/MD
 Sample : VX1210WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS01

Quant Time: Dec 11 01:28:40 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 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	143461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129362	52.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.140%
35) Dibromofluoromethane	5.379	113	92918	50.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	8.647	98	311978	49.578	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	11.079	95	110798	51.736	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27516	15.140	ug/l	99
3) Chloromethane	1.295	50	30484	15.939	ug/l	97
4) Vinyl Chloride	1.374	62	36016	17.705	ug/l	97
5) Bromomethane	1.593	94	25357	20.263	ug/l	99
6) Chloroethane	1.666	64	26478	21.362	ug/l	99
7) Trichlorofluoromethane	1.868	101	69776	19.186	ug/l	95
8) Diethyl Ether	2.130	74	26007	19.620	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	31317	18.052	ug/l	98
10) Methyl Iodide	2.441	142	40131	18.522	ug/l	97
11) Tert butyl alcohol	2.989	59	32534	82.375	ug/l	97
12) 1,1-Dichloroethene	2.307	96	29004	17.545	ug/l	99
13) Acrolein	2.240	56	29903	71.832	ug/l	98
14) Allyl chloride	2.654	41	47939	17.748	ug/l	96
15) Acrylonitrile	3.069	53	97496	101.298	ug/l	99
16) Acetone	2.386	43	102985	91.126	ug/l	100
17) Carbon Disulfide	2.502	76	43919	12.880	ug/l	99
18) Methyl Acetate	2.709	43	53732	20.416	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	122196	20.358	ug/l	97
20) Methylene Chloride	2.782	84	35205	18.357	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	30038	17.600	ug/l	98
22) Diisopropyl ether	3.764	45	114408	19.808	ug/l	92
23) Vinyl Acetate	3.721	43	487174	98.600	ug/l	99
24) 1,1-Dichloroethane	3.605	63	64095	19.236	ug/l	98
25) 2-Butanone	4.562	43	149041	102.207	ug/l	100
26) 2,2-Dichloropropane	4.471	77	54378	18.070	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	40454	19.176	ug/l	98
28) Bromochloromethane	4.898	49	31279	21.326	ug/l	98
29) Tetrahydrofuran	5.013	42	91295	102.121	ug/l	99
30) Chloroform	5.093	83	71902	20.063	ug/l	99
31) Cyclohexane	5.465	56	48485	17.680	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62516	20.229	ug/l	99
36) 1,1-Dichloropropene	5.684	75	42707	18.774	ug/l	99
37) Ethyl Acetate	4.721	43	56223	19.911	ug/l	98
38) Carbon Tetrachloride	5.666	117	46733	18.283	ug/l	96
39) Methylcyclohexane	7.379	83	49682	16.811	ug/l	95
40) Benzene	6.032	78	134799	19.024	ug/l	99

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41) Methacrylonitrile	4.928	41	30829	21.331	ug/l	95
42) 1,2-Dichloroethane	6.086	62	57506	20.207	ug/l	99
43) Isopropyl Acetate	6.342	43	92107	20.496	ug/l	99
44) Trichloroethene	7.123	130	32850	16.377	ug/l	96
45) 1,2-Dichloropropane	7.434	63	34167	19.687	ug/l	94
46) Dibromomethane	7.580	93	27883	20.310	ug/l	99
47) Bromodichloromethane	7.818	83	49215	19.988	ug/l	98
48) Methyl methacrylate	7.696	41	43021	19.951	ug/l	99
49) 1,4-Dioxane	7.665	88	9854	256.541	ug/l #	38
51) 4-Methyl-2-Pentanone	8.574	43	301689	110.009	ug/l	98
52) Toluene	8.720	92	84219	19.858	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	47285	18.833	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	51841	18.834	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	35301	20.164	ug/l	98
56) Ethyl methacrylate	9.116	69	55856	20.483	ug/l	97
57) 1,3-Dichloropropane	9.305	76	60589	20.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	123591	82.064	ug/l	97
59) 2-Hexanone	9.433	43	221552	107.484	ug/l	100
60) Dibromochloromethane	9.519	129	33007	18.791	ug/l	95
61) 1,2-Dibromoethane	9.610	107	36436	20.583	ug/l	99
64) Tetrachloroethene	9.275	164	28559	19.902	ug/l	97
65) Chlorobenzene	10.080	112	93648	19.593	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	31344	20.220	ug/l	97
67) Ethyl Benzene	10.195	91	161984	20.000	ug/l	100
68) m/p-Xylenes	10.299	106	121841	40.339	ug/l	98
69) o-Xylene	10.640	106	59823	20.286	ug/l	98
70) Styrene	10.653	104	98764	20.249	ug/l	98
71) Bromoform	10.799	173	19230	17.726	ug/l #	98
73) Isopropylbenzene	10.964	105	156270	20.063	ug/l	100
74) N-amyl acetate	10.842	43	72802	20.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	55313	20.740	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	45635m	20.537	ug/l	
77) Bromobenzene	11.195	156	36322	19.549	ug/l	99
78) n-propylbenzene	11.305	91	169125	19.442	ug/l	100
79) 2-Chlorotoluene	11.366	91	109815	19.964	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	129646	20.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13258	16.281	ug/l	88
82) 4-Chlorotoluene	11.451	91	124570	20.059	ug/l	98
83) tert-Butylbenzene	11.713	119	130260	20.509	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	133139	20.869	ug/l	98
85) sec-Butylbenzene	11.890	105	156966	20.171	ug/l	99
86) p-Isopropyltoluene	12.006	119	131174	20.752	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	64387	19.027	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	66782	19.356	ug/l	98
89) n-Butylbenzene	12.335	91	108826	19.527	ug/l	98
90) Hexachloroethane	12.536	117	18615	17.319	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	67188	19.674	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10196	19.080	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	34977	17.372	ug/l	94
94) Hexachlorobutadiene	13.725	225	14782	18.576	ug/l	99
95) Naphthalene	13.774	128	143097	19.744	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38793	19.036	ug/l	99

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

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