

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044378.D
 Acq On : 18 Dec 2024 13:11
 Operator : JC/MD
 Sample : VX1218WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 00:42:56 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

Manual Integrations APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	152020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	272118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101950	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	125769	47.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	5.379	113	95224	50.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	8.647	98	323070	50.811	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.620%
62) 4-Bromofluorobenzene	11.079	95	107025	48.171	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	46716	19.874	ug/l	98
3) Chloromethane	1.294	50	44741	19.904	ug/l	97
4) Vinyl Chloride	1.374	62	45549	19.450	ug/l	99
5) Bromomethane	1.593	94	28566	17.194	ug/l	97
6) Chloroethane	1.666	64	30702	21.055	ug/l	99
7) Trichlorofluoromethane	1.873	101	72219	15.753	ug/l	96
8) Diethyl Ether	2.136	74	26533	16.955	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	34946	18.837	ug/l	99
10) Methyl Iodide	2.447	142	47253	19.326	ug/l	97
11) Tert butyl alcohol	2.983	59	36875	98.163	ug/l #	94
12) 1,1-Dichloroethene	2.312	96	33505	19.663	ug/l	90
13) Acrolein	2.233	56	47760	87.831	ug/l	100
14) Allyl chloride	2.654	41	55053	19.397	ug/l	99
15) Acrylonitrile	3.068	53	100187	96.281	ug/l	99
16) Acetone	2.386	43	87362	80.396	ug/l	94
17) Carbon Disulfide	2.501	76	61883	19.106	ug/l	99
18) Methyl Acetate	2.703	43	51928	18.534	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	122343	18.399	ug/l	96
20) Methylene Chloride	2.782	84	40273	19.732	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	34770	19.200	ug/l	95
22) Diisopropyl ether	3.763	45	123430	19.313	ug/l	94
23) Vinyl Acetate	3.721	43	517012	99.503	ug/l	99
24) 1,1-Dichloroethane	3.605	63	69838	19.604	ug/l	99
25) 2-Butanone	4.562	43	137972	89.313	ug/l	99
26) 2,2-Dichloropropane	4.471	77	59180	20.448	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	43520	18.922	ug/l	98
28) Bromochloromethane	4.891	49	30568	17.498	ug/l	100
29) Tetrahydrofuran	5.007	42	92642	93.430	ug/l	97
30) Chloroform	5.092	83	74772	18.681	ug/l	92
31) Cyclohexane	5.458	56	55094	19.151	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	62289	18.748	ug/l	98
36) 1,1-Dichloropropene	5.690	75	44543	18.284	ug/l	98
37) Ethyl Acetate	4.721	43	58608	19.462	ug/l	99
38) Carbon Tetrachloride	5.672	117	48269	18.404	ug/l	99
39) Methylcyclohexane	7.379	83	56507	19.402	ug/l	98
40) Benzene	6.037	78	148380	20.060	ug/l	99

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41) Methacrylonitrile	4.916	41	30502	19.075	ug/l	98
42) 1,2-Dichloroethane	6.086	62	57603	18.905	ug/l	99
43) Isopropyl Acetate	6.342	43	90225	19.169	ug/l	99
44) Trichloroethene	7.123	130	35150	19.056	ug/l	99
45) 1,2-Dichloropropane	7.427	63	36377	19.250	ug/l	92
46) Dibromomethane	7.586	93	28009	19.105	ug/l	95
47) Bromodichloromethane	7.824	83	47492	18.757	ug/l	97
48) Methyl methacrylate	7.696	41	43221	18.917	ug/l	98
49) 1,4-Dioxane	7.659	88	9745	257.250	ug/l #	68
51) 4-Methyl-2-Pentanone	8.574	43	286862	94.787	ug/l	100
52) Toluene	8.714	92	90242	19.428	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	47729	18.774	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	53718	19.485	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	35702	19.348	ug/l	93
56) Ethyl methacrylate	9.116	69	55693	19.118	ug/l	98
57) 1,3-Dichloropropane	9.305	76	63353	19.724	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	126572	86.145	ug/l	99
59) 2-Hexanone	9.433	43	204304	93.265	ug/l	98
60) Dibromochloromethane	9.518	129	33259	18.320	ug/l	98
61) 1,2-Dibromoethane	9.610	107	37294	19.855	ug/l	100
64) Tetrachloroethene	9.269	164	30384	19.589	ug/l	97
65) Chlorobenzene	10.079	112	97639	19.498	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	31230	19.405	ug/l	98
67) Ethyl Benzene	10.189	91	167223	19.327	ug/l	100
68) m/p-Xylenes	10.299	106	124845	39.322	ug/l	98
69) o-Xylene	10.640	106	61740	19.219	ug/l	98
70) Styrene	10.652	104	99766	19.373	ug/l	97
71) Bromoform	10.799	173	18740	18.657	ug/l #	100
73) Isopropylbenzene	10.963	105	159509	20.438	ug/l	100
74) N-amyl acetate	10.841	43	70274	19.483	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	53907	19.886	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43670m	19.185	ug/l	
77) Bromobenzene	11.195	156	37389	19.755	ug/l	100
78) n-propylbenzene	11.305	91	175046	20.292	ug/l	99
79) 2-Chlorotoluene	11.366	91	109103	19.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	128741	19.891	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12897	20.003	ug/l	95
82) 4-Chlorotoluene	11.451	91	122217	19.783	ug/l	99
83) tert-Butylbenzene	11.713	119	129411	20.232	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	129290	20.340	ug/l	99
85) sec-Butylbenzene	11.890	105	156306	20.129	ug/l	99
86) p-Isopropyltoluene	12.006	119	126037	19.501	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65335	19.763	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	66369	19.529	ug/l	99
89) n-Butylbenzene	12.329	91	103934	19.124	ug/l	99
90) Hexachloroethane	12.536	117	17384	18.426	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	65366	19.042	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9208	17.498	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	36183	19.227	ug/l	99
94) Hexachlorobutadiene	13.725	225	15368	20.302	ug/l	99
95) Naphthalene	13.774	128	139046	18.928	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	39406	19.742	ug/l	99

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

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