

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044397.D
 Acq On : 18 Dec 2024 21:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 19 00:54:38 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	135217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94679	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	107888	45.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.020%
35) Dibromofluoromethane	5.379	113	85012	51.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	8.647	98	281622	50.233	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	11.079	95	96109	49.060	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	107432	51.383	ug/l	98
3) Chloromethane	1.295	50	108198	54.116	ug/l	100
4) Vinyl Chloride	1.374	62	110360	52.982	ug/l	98
5) Bromomethane	1.593	94	72410	49.001	ug/l	99
6) Chloroethane	1.666	64	78870	60.808	ug/l	97
7) Trichlorofluoromethane	1.868	101	173515	42.551	ug/l	99
8) Diethyl Ether	2.130	74	68057	48.894	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	81792	49.568	ug/l	98
10) Methyl Iodide	2.441	142	120260	55.298	ug/l	97
11) Tert butyl alcohol	2.989	59	77901	233.146	ug/l	98
12) 1,1-Dichloroethene	2.307	96	81977	54.088	ug/l	98
13) Acrolein	2.233	56	139192	287.785	ug/l	99
14) Allyl chloride	2.654	41	132780	52.597	ug/l	97
15) Acrylonitrile	3.069	53	244567	264.238	ug/l	99
16) Acetone	2.386	43	213764	221.165	ug/l	98
17) Carbon Disulfide	2.502	76	158857	55.140	ug/l	99
18) Methyl Acetate	2.709	43	124059	49.781	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	292313	49.423	ug/l	99
20) Methylene Chloride	2.782	84	93795	51.666	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	84135	52.232	ug/l	96
22) Diisopropyl ether	3.764	45	287589	50.590	ug/l	97
23) Vinyl Acetate	3.721	43	1248223	270.083	ug/l	98
24) 1,1-Dichloroethane	3.605	63	166932	52.681	ug/l	99
25) 2-Butanone	4.562	43	339552	247.114	ug/l	98
26) 2,2-Dichloropropane	4.471	77	111451	43.294	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	103578	50.631	ug/l	96
28) Bromochloromethane	4.891	49	74260	47.791	ug/l	99
29) Tetrahydrofuran	5.007	42	217698	246.831	ug/l	99
30) Chloroform	5.093	83	176742	49.644	ug/l	100
31) Cyclohexane	5.458	56	126871	49.582	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	152533	51.614	ug/l	100
36) 1,1-Dichloropropene	5.690	75	110493	51.438	ug/l	98
37) Ethyl Acetate	4.721	43	136208	51.297	ug/l	98
38) Carbon Tetrachloride	5.672	117	120403	52.064	ug/l	95
39) Methylcyclohexane	7.379	83	130669	50.884	ug/l	97
40) Benzene	6.031	78	353789	54.246	ug/l	97

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41) Methacrylonitrile	4.922	41	74342	52.726	ug/l	97
42) 1,2-Dichloroethane	6.080	62	135405	50.400	ug/l	97
43) Isopropyl Acetate	6.342	43	215421	51.907	ug/l	98
44) Trichloroethene	7.123	130	85228	52.403	ug/l	99
45) 1,2-Dichloropropane	7.428	63	87563	52.551	ug/l	95
46) Dibromomethane	7.580	93	68412	52.923	ug/l	95
47) Bromodichloromethane	7.824	83	123638	55.381	ug/l	99
48) Methyl methacrylate	7.696	41	100291	49.782	ug/l	96
49) 1,4-Dioxane	7.665	88	25452	762.005	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	682557	255.786	ug/l	98
52) Toluene	8.720	92	214145	52.287	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	115357	48.259	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	131957	54.285	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	87322	53.669	ug/l	97
56) Ethyl methacrylate	9.116	69	136992	53.333	ug/l	96
57) 1,3-Dichloropropane	9.305	76	147976	52.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	319257	246.430	ug/l	100
59) 2-Hexanone	9.433	43	498511	258.095	ug/l	99
60) Dibromochloromethane	9.519	129	85744	49.779	ug/l	100
61) 1,2-Dibromoethane	9.610	107	89694	54.158	ug/l	97
64) Tetrachloroethene	9.275	164	71547	52.769	ug/l	96
65) Chlorobenzene	10.079	112	230882	52.745	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	79028	56.175	ug/l	98
67) Ethyl Benzene	10.195	91	398506	52.690	ug/l	96
68) m/p-Xylenes	10.299	106	303258	109.271	ug/l	96
69) o-Xylene	10.640	106	149680	53.305	ug/l	97
70) Styrene	10.653	104	247455	54.971	ug/l	97
71) Bromoform	10.799	173	51387	52.002	ug/l #	99
73) Isopropylbenzene	10.964	105	382227	52.735	ug/l	99
74) N-amyl acetate	10.842	43	175282	52.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	129501	51.441	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106791m	50.517	ug/l	
77) Bromobenzene	11.195	156	91662	52.151	ug/l	98
78) n-propylbenzene	11.305	91	428354	53.471	ug/l	99
79) 2-Chlorotoluene	11.366	91	259611	50.109	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	312728	52.028	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32905	45.206	ug/l	97
82) 4-Chlorotoluene	11.451	91	296313	51.648	ug/l	100
83) tert-Butylbenzene	11.713	119	315339	53.085	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	314902	53.346	ug/l	99
85) sec-Butylbenzene	11.890	105	378572	52.496	ug/l	99
86) p-Isopropyltoluene	12.006	119	308993	51.481	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161986	52.762	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	160295	50.790	ug/l	98
89) n-Butylbenzene	12.329	91	265516	52.608	ug/l	99
90) Hexachloroethane	12.536	117	48574	55.440	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	166397	52.197	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23556	48.201	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	93745	53.639	ug/l	97
94) Hexachlorobutadiene	13.725	225	37797	53.766	ug/l	98
95) Naphthalene	13.774	128	341241	50.021	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	95779	51.669	ug/l	98

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

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