

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044237.D
 Acq On : 11 Dec 2024 18:51
 Operator : JC/MD
 Sample : P4368-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Dec 12 05:37:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 05:32:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	139926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255790	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127712	52.056	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.120%			
35) Dibromofluoromethane	5.385	113	88974	50.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.647	98	314716	52.656	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	11.079	95	103538	49.577	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	10472	4.840	ug/l	96
3) Chloromethane	1.295	50	9779	4.726	ug/l	95
4) Vinyl Chloride	1.374	62	11114	5.156	ug/l	99
5) Bromomethane	1.593	94	7733	5.057	ug/l	90
6) Chloroethane	1.666	64	7601	5.663	ug/l	90
7) Trichlorofluoromethane	1.874	101	19748	4.680	ug/l	100
8) Diethyl Ether	2.136	74	6994	4.856	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	8140	4.767	ug/l	88
10) Methyl Iodide	2.447	142	10860	4.826	ug/l	98
11) Tert butyl alcohol	2.995	59	6753m	19.531	ug/l	
12) 1,1-Dichloroethene	2.307	96	7809	4.979	ug/l	97
13) Acrolein	2.240	56	11740	23.456	ug/l	98
14) Allyl chloride	2.660	41	11510	4.406	ug/l	98
15) Acrylonitrile	3.069	53	23276	24.302	ug/l	97
16) Acetone	2.386	43	23084	23.079	ug/l	95
17) Carbon Disulfide	2.496	76	12392	4.157	ug/l	99
18) Methyl Acetate	2.709	43	13039	5.056	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	30378	4.963	ug/l	95
20) Methylene Chloride	2.782	84	10023	5.335	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	8010	4.805	ug/l	85
22) Diisopropyl ether	3.764	45	29503	5.015	ug/l #	87
23) Vinyl Acetate	3.721	43	111675	23.350	ug/l	100
24) 1,1-Dichloroethane	3.605	63	17122	5.222	ug/l	99
25) 2-Butanone	4.574	43	33574	23.612	ug/l	91
26) 2,2-Dichloropropane	4.465	77	11884	4.461	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	10057	4.751	ug/l	97
28) Bromochloromethane	4.904	49	7868	4.893	ug/l	98
29) Tetrahydrofuran	5.013	42	22556	24.714	ug/l	98
30) Chloroform	5.093	83	17985	4.882	ug/l	99
31) Cyclohexane	5.458	56	13637	5.150	ug/l #	84
32) 1,1,1-Trichloroethane	5.373	97	14602	4.775	ug/l	95
36) 1,1-Dichloropropene	5.690	75	10933	4.774	ug/l	98
37) Ethyl Acetate	4.721	43	15066	5.322	ug/l #	92
38) Carbon Tetrachloride	5.666	117	10924	4.431	ug/l #	93
39) Methylcyclohexane	7.379	83	14281	5.217	ug/l	94
40) Benzene	6.032	78	35491	5.105	ug/l	96

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41) Methacrylonitrile	4.940	41	6818	4.536	ug/l #	96
42) 1,2-Dichloroethane	6.086	62	15281	5.335	ug/l	100
43) Isopropyl Acetate	6.349	43	21005	4.748	ug/l	99
44) Trichloroethene	7.123	130	8806	5.079	ug/l	96
45) 1,2-Dichloropropane	7.428	63	8314	4.680	ug/l #	86
46) Dibromomethane	7.586	93	6815	4.945	ug/l	97
47) Bromodichloromethane	7.824	83	10446	4.389	ug/l	97
48) Methyl methacrylate	7.702	41	10113	4.709	ug/l	93
49) 1,4-Dioxane	7.678	88	2896	81.329	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	65580	23.053	ug/l	98
52) Toluene	8.720	92	21245	4.866	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	9870	4.237	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	11452	4.419	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	9171	5.287	ug/l	95
56) Ethyl methacrylate	9.122	69	12170	4.444	ug/l	94
57) 1,3-Dichloropropane	9.311	76	15198	5.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	33413	24.193	ug/l	100
59) 2-Hexanone	9.433	43	49826	24.198	ug/l	97
60) Dibromochloromethane	9.519	129	6766	4.062	ug/l	97
61) 1,2-Dibromoethane	9.610	107	8654	4.901	ug/l	97
64) Tetrachloroethene	9.269	164	7367	5.067	ug/l	91
65) Chlorobenzene	10.080	112	23164	4.935	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	6967	4.618	ug/l	95
67) Ethyl Benzene	10.195	91	37829	4.664	ug/l	98
68) m/p-Xylenes	10.299	106	27461	9.228	ug/l	100
69) o-Xylene	10.640	106	14705	4.884	ug/l	100
70) Styrene	10.659	104	22124	4.583	ug/l	97
71) Bromoform	10.799	173	3792	3.944	ug/l #	98
73) Isopropylbenzene	10.964	105	37028	5.257	ug/l	94
74) N-amyl acetate	10.848	43	14992	4.605	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	12957	5.296	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	11186m	5.445	ug/l	
77) Bromobenzene	11.195	156	8548	5.004	ug/l	93
78) n-propylbenzene	11.305	91	37298	4.791	ug/l	98
79) 2-Chlorotoluene	11.366	91	26758	5.314	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29578	5.063	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	2312	3.617	ug/l #	74
82) 4-Chlorotoluene	11.457	91	28156	5.050	ug/l	100
83) tert-Butylbenzene	11.713	119	28251	4.894	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	28140	4.905	ug/l	99
85) sec-Butylbenzene	11.890	105	34509	4.924	ug/l	99
86) p-Isopropyltoluene	12.006	119	28063	4.811	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	15147	5.077	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	14887	4.854	ug/l	91
89) n-Butylbenzene	12.335	91	22245	4.535	ug/l	95
90) Hexachloroethane	12.536	117	3765	4.422	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	15188	4.902	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1753	3.691	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	8109	4.774	ug/l	95
94) Hexachlorobutadiene	13.725	225	3001	4.393	ug/l	91
95) Naphthalene	13.780	128	29866	4.505	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8274	4.593	ug/l	98

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

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