

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044220.D
 Acq On : 11 Dec 2024 11:27
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 12 04:13:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 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	139609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	258881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13043	5.328	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.660%#		
35) Dibromofluoromethane	5.385	113	9145	5.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.200%#		
50) Toluene-d8	8.647	98	29732	4.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.840%#		
62) 4-Bromofluorobenzene	11.079	95	10101	4.779	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10452	4.842	ug/l	91
3) Chloromethane	1.294	50	10429	5.052	ug/l	95
4) Vinyl Chloride	1.374	62	11031	5.129	ug/l	98
5) Bromomethane	1.593	94	8237	5.399	ug/l	92
6) Chloroethane	1.660	64	7253	5.416	ug/l	96
7) Trichlorofluoromethane	1.868	101	21207	5.037	ug/l	91
8) Diethyl Ether	2.136	74	7199	5.009	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	8766	5.145	ug/l	97
10) Methyl Iodide	2.447	142	11066	4.928	ug/l	97
11) Tert butyl alcohol	2.995	59	7159m	20.785	ug/l	
12) 1,1-Dichloroethene	2.306	96	7822	4.999	ug/l	95
13) Acrolein	2.239	56	12521	25.073	ug/l	100
14) Allyl chloride	2.654	41	12490	4.792	ug/l	94
15) Acrylonitrile	3.069	53	23276	24.357	ug/l	99
16) Acetone	2.392	43	24645	24.696	ug/l	93
17) Carbon Disulfide	2.495	76	12169	4.091	ug/l	99
18) Methyl Acetate	2.709	43	12412	4.824	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	30546	5.002	ug/l	94
20) Methylene Chloride	2.782	84	9466	5.050	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	7768	4.671	ug/l	97
22) Diisopropyl ether	3.764	45	29518	5.029	ug/l #	73
23) Vinyl Acetate	3.721	43	109670	22.983	ug/l	96
24) 1,1-Dichloroethane	3.605	63	16370	5.004	ug/l	96
25) 2-Butanone	4.574	43	34245	24.138	ug/l	97
26) 2,2-Dichloropropane	4.471	77	12514	4.708	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	10292	4.873	ug/l	97
28) Bromochloromethane	4.897	49	8049	5.017	ug/l #	93
29) Tetrahydrofuran	5.019	42	24307	26.693	ug/l	94
30) Chloroform	5.093	83	18319	4.984	ug/l	93
31) Cyclohexane	5.464	56	12995	4.919	ug/l	89
32) 1,1,1-Trichloroethane	5.373	97	14231	4.664	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11455	4.942	ug/l	94
37) Ethyl Acetate	4.727	43	13265	4.630	ug/l	97
38) Carbon Tetrachloride	5.666	117	11476	4.599	ug/l	96
39) Methylcyclohexane	7.373	83	13019	4.699	ug/l #	85
40) Benzene	6.037	78	35018	4.976	ug/l	98

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41) Methacrylonitrile	4.946	41	7585	4.986	ug/l	93
42) 1,2-Dichloroethane	6.092	62	14419	4.974	ug/l	99
43) Isopropyl Acetate	6.354	43	22098	4.935	ug/l	98
44) Trichloroethene	7.123	130	8405	4.790	ug/l	100
45) 1,2-Dichloropropane	7.434	63	8932	4.968	ug/l	94
46) Dibromomethane	7.586	93	6915	4.958	ug/l	99
47) Bromodichloromethane	7.824	83	10646	4.420	ug/l #	98
48) Methyl methacrylate	7.702	41	9586	4.410	ug/l	97
49) 1,4-Dioxane	7.671	88	3545m	95.429	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	71285	24.759	ug/l	98
52) Toluene	8.720	92	21486	4.862	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9232	4.665	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	11404	4.348	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	8590	4.893	ug/l	97
56) Ethyl methacrylate	9.122	69	11854	4.277	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	15352	5.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	34738	24.852	ug/l	99
59) 2-Hexanone	9.433	43	50003	23.994	ug/l	96
60) Dibromochloromethane	9.519	129	6411	4.738	ug/l	98
61) 1,2-Dibromoethane	9.610	107	8330	4.662	ug/l	97
64) Tetrachloroethene	9.275	164	7710	5.334	ug/l #	87
65) Chlorobenzene	10.079	112	23268	4.986	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	6647	4.432	ug/l	94
67) Ethyl Benzene	10.195	91	39326	4.877	ug/l	97
68) m/p-Xylenes	10.299	106	28758	9.720	ug/l	98
69) o-Xylene	10.640	106	14864	4.965	ug/l	97
70) Styrene	10.659	104	22191	4.624	ug/l	98
71) Bromoform	10.799	173	3775	5.118	ug/l #	98
73) Isopropylbenzene	10.963	105	37843	5.194	ug/l	98
74) N-amyl acetate	10.842	43	15418	4.579	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	12848	5.077	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	10236m	4.740	ug/l	
77) Bromobenzene	11.201	156	8892	5.033	ug/l	99
78) n-propylbenzene	11.305	91	40574	5.038	ug/l	96
79) 2-Chlorotoluene	11.366	91	27096	5.203	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30665	5.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	2249	8.273	ug/l #	62
82) 4-Chlorotoluene	11.457	91	29039	5.035	ug/l	99
83) tert-Butylbenzene	11.713	119	29283	4.904	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	30970	5.219	ug/l	99
85) sec-Butylbenzene	11.890	105	35670	4.921	ug/l	98
86) p-Isopropyltoluene	12.006	119	29132	4.828	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	15553	5.039	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	15609	4.920	ug/l	95
89) n-Butylbenzene	12.335	91	22719	4.478	ug/l	98
90) Hexachloroethane	12.536	117	3765	4.275	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	15858	4.949	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2154	4.385	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	7867	4.478	ug/l	96
94) Hexachlorobutadiene	13.725	225	3321	4.700	ug/l	93
95) Naphthalene	13.780	128	31842	4.643	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	8422	4.520	ug/l	99

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

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