

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044219.D
 Acq On : 11 Dec 2024 10:41
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 12 04:12:24 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	5.543	168	141947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	213862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%	#	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%	#	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%	#	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%	#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2491	1.135	ug/l	98
3) Chloromethane	1.300	50	2109	1.005	ug/l	98
4) Vinyl Chloride	1.373	62	2285	1.045	ug/l #	85
6) Chloroethane	1.672	64	1316m	0.967	ug/l	
7) Trichlorofluoromethane	1.867	101	4491	1.049	ug/l	96
8) Diethyl Ether	2.129	74	1651	1.130	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.318	101	1796	1.037	ug/l	95
12) 1,1-Dichloroethene	2.306	96	1454	0.914	ug/l	90
14) Allyl chloride	2.660	41	2551	0.963	ug/l #	91
15) Acrylonitrile	3.068	53	4528	4.660	ug/l	98
16) Acetone	2.385	43	5096	5.022	ug/l	97
17) Carbon Disulfide	2.501	76	2387	0.789	ug/l	99
18) Methyl Acetate	2.702	43	2739	1.047	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	5832	0.939	ug/l #	91
20) Methylene Chloride	2.776	84	1928	1.012	ug/l #	74
21) trans-1,2-Dichloroethene	3.080	96	1703	1.007	ug/l #	79
22) Diisopropyl ether	3.763	45	5792	0.971	ug/l #	83
23) Vinyl Acetate	3.733	43	17578	3.623	ug/l	100
24) 1,1-Dichloroethane	3.605	63	3040	0.914	ug/l	96
25) 2-Butanone	4.586	43	6380	4.423	ug/l	96
26) 2,2-Dichloropropane	4.464	77	2220	0.821	ug/l	85
27) cis-1,2-Dichloroethene	4.489	96	2296	1.069	ug/l	81
28) Bromochloromethane	4.909	49	1641	1.006	ug/l #	72
29) Tetrahydrofuran	5.025	42	4158	4.491	ug/l #	84
30) Chloroform	5.086	83	3943	1.055	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	2818	0.908	ug/l #	48
36) 1,1-Dichloropropene	5.696	75	2479m	1.092	ug/l	
37) Ethyl Acetate	4.727	43	2718	0.969	ug/l #	71
38) Carbon Tetrachloride	5.678	117	2454	1.004	ug/l #	73
39) Methylcyclohexane	7.366	83	2606	0.960	ug/l	93
40) Benzene	6.037	78	6864	0.996	ug/l	92
41) Methacrylonitrile	4.946	41	1447m	0.971	ug/l	
42) 1,2-Dichloroethane	6.092	62	2810	0.990	ug/l	93
43) Isopropyl Acetate	6.354	43	3734	0.851	ug/l	98
44) Trichloroethene	7.122	130	1806	1.051	ug/l	71
45) 1,2-Dichloropropane	7.433	63	1865	1.059	ug/l #	74

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46) Dibromomethane	7.592	93	1251	0.916	ug/l	97
47) Bromodichloromethane	7.830	83	1926	0.816	ug/l #	74
48) Methyl methacrylate	7.720	41	2168	1.018	ug/l #	77
49) 1,4-Dioxane	7.702	88	492m	13.522	ug/l	
51) 4-Methyl-2-Pentanone	8.579	43	12824	4.547	ug/l	95
52) Toluene	8.720	92	4606	1.064	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	1716	1.694	ug/l #	78
54) cis-1,3-Dichloropropene	8.366	75	2048	0.797	ug/l #	75
55) 1,1,2-Trichloroethane	9.159	97	1710	0.994	ug/l #	83
56) Ethyl methacrylate	9.128	69	2490	0.917	ug/l #	85
57) 1,3-Dichloropropane	9.317	76	2929	0.979	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	5621	4.105	ug/l	96
59) 2-Hexanone	9.439	43	8199	4.017	ug/l	98
60) Dibromochloromethane	9.524	129	1289	1.953	ug/l	97
61) 1,2-Dibromoethane	9.610	107	1535	0.877	ug/l	95
64) Tetrachloroethene	9.274	164	1536	1.082	ug/l	86
65) Chlorobenzene	10.079	112	4835	1.055	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.158	131	1288	0.875	ug/l #	63
67) Ethyl Benzene	10.195	91	7924	1.001	ug/l #	88
68) m/p-Xylenes	10.305	106	5583	1.922	ug/l	98
69) o-Xylene	10.640	106	2933	0.998	ug/l	96
70) Styrene	10.658	104	4306	0.914	ug/l	94
71) Bromoform	10.805	173	584	1.847	ug/l #	72
73) Isopropylbenzene	10.963	105	6474	0.957	ug/l	100
74) N-amyl acetate	10.847	43	2536	0.811	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.219	83	2491	1.061	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	2248m	1.121	ug/l	
77) Bromobenzene	11.201	156	1783	1.087	ug/l	91
78) n-propylbenzene	11.305	91	6606	0.884	ug/l	86
79) 2-Chlorotoluene	11.366	91	5194	1.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	5417	0.966	ug/l	98
82) 4-Chlorotoluene	11.457	91	5236	0.978	ug/l	98
83) tert-Butylbenzene	11.713	119	5601	1.011	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	4769	0.866	ug/l	95
85) sec-Butylbenzene	11.890	105	6500	0.966	ug/l	99
86) p-Isopropyltoluene	12.012	119	5210	0.930	ug/l	93
87) 1,3-Dichlorobenzene	11.975	146	2684	0.937	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	3200m	1.087	ug/l	
89) n-Butylbenzene	12.335	91	3973	0.844	ug/l	94
90) Hexachloroethane	12.536	117	632	0.773	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	3082	1.036	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	392	0.860	ug/l	70
93) 1,2,4-Trichlorobenzene	13.591	180	1361	0.835	ug/l	92
94) Hexachlorobutadiene	13.725	225	689	1.051	ug/l	96
95) Naphthalene	13.780	128	5167	0.812	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1509	0.873	ug/l	95

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

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