

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085249.D
 Acq On : 18 Dec 2024 13:33
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 19 05:20:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 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	8.224	168	118161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	208462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	179857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	81812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	10300	4.987	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.980%#		
35) Dibromofluoromethane	8.165	113	6930	4.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.460%#		
50) Toluene-d8	10.565	98	24363	4.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.100%#		
62) 4-Bromofluorobenzene	12.847	95	8246	4.310	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.620%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	8552	4.543	ug/l	94
3) Chloromethane	2.359	50	7973	4.444	ug/l #	80
4) Vinyl Chloride	2.507	62	7913	4.707	ug/l	91
5) Bromomethane	2.942	94	5788	5.249	ug/l	82
6) Chloroethane	3.112	64	5141	4.270	ug/l	99
7) Trichlorofluoromethane	3.495	101	13956	5.141	ug/l	87
8) Diethyl Ether	3.959	74	4055	4.756	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	7130	4.897	ug/l	96
10) Methyl Iodide	4.589	142	7671	4.621	ug/l #	90
11) Tert butyl alcohol	5.524	59	7940	27.677	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	6834	5.067	ug/l	81
13) Acrolein	4.183	56	9089	27.511	ug/l	95
14) Allyl chloride	5.018	41	11517m	4.919	ug/l	
15) Acrylonitrile	5.718	53	19826	25.373	ug/l	94
16) Acetone	4.430	43	17066	23.939	ug/l	92
17) Carbon Disulfide	4.706	76	21904	4.759	ug/l	100
18) Methyl Acetate	5.024	43	10156	5.032	ug/l #	74
19) Methyl tert-butyl Ether	5.789	73	22107	4.782	ug/l	99
20) Methylene Chloride	5.277	84	7716	4.948	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	7480	5.031	ug/l	86
22) Diisopropyl ether	6.671	45	24072	4.831	ug/l #	87
23) Vinyl Acetate	6.600	43	87406	22.702	ug/l	97
24) 1,1-Dichloroethane	6.565	63	14175	4.911	ug/l	98
25) 2-Butanone	7.489	43	26587	24.353	ug/l	94
26) 2,2-Dichloropropane	7.489	77	12837	4.803	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	8025	4.635	ug/l	95
28) Bromochloromethane	7.818	49	6906	4.744	ug/l #	98
29) Tetrahydrofuran	7.841	42	16381	23.277	ug/l	98
30) Chloroform	7.965	83	14768	4.791	ug/l	97
31) Cyclohexane	8.247	56	14453	5.409	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	12937	4.709	ug/l	91
36) 1,1-Dichloropropene	8.365	75	8898	4.360	ug/l	98
37) Ethyl Acetate	7.559	43	12366	5.252	ug/l #	95
38) Carbon Tetrachloride	8.365	117	11905	4.825	ug/l	85
39) Methylcyclohexane	9.594	83	9043	4.258	ug/l	94
40) Benzene	8.600	78	30681	4.833	ug/l	95

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	5611	4.676	ug/l	93
42) 1,2-Dichloroethane	8.671	62	11828	4.891	ug/l	99
43) Isopropyl Acetate	8.688	43	19471	4.522	ug/l	98
44) Trichloroethene	9.347	130	6824	4.828	ug/l	86
45) 1,2-Dichloropropane	9.624	63	7717	4.909	ug/l	91
46) Dibromomethane	9.706	93	5495	4.897	ug/l	98
47) Bromodichloromethane	9.888	83	11320	4.708	ug/l	94
48) Methyl methacrylate	9.683	41	7921	4.488	ug/l	99
49) 1,4-Dioxane	9.700	88	2671	95.985	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	53682	23.729	ug/l	100
52) Toluene	10.630	92	17541	4.595	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	11095	4.734	ug/l	91
54) cis-1,3-Dichloropropene	10.306	75	11559	4.639	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	6841	4.786	ug/l	99
56) Ethyl methacrylate	10.871	69	9510	5.579	ug/l	97
57) 1,3-Dichloropropane	11.159	76	12003	4.771	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	20838	30.655	ug/l	97
59) 2-Hexanone	11.194	43	36841	22.845	ug/l	95
60) Dibromochloromethane	11.353	129	8061	4.758	ug/l	98
61) 1,2-Dibromoethane	11.465	107	7045	4.785	ug/l	100
64) Tetrachloroethene	11.100	164	6130	5.065	ug/l #	87
65) Chlorobenzene	11.888	112	19753	4.886	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	6906	4.896	ug/l	97
67) Ethyl Benzene	11.965	91	30951	4.466	ug/l	100
68) m/p-Xylenes	12.065	106	23102	8.914	ug/l	100
69) o-Xylene	12.394	106	10391	4.265	ug/l	97
70) Styrene	12.412	104	17024	4.186	ug/l	98
71) Bromoform	12.576	173	5534	5.005	ug/l #	95
73) Isopropylbenzene	12.694	105	27255	4.618	ug/l	98
74) N-amyl acetate	12.494	43	12710	4.312	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	10500	4.993	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	8941m	5.009	ug/l	
77) Bromobenzene	12.976	156	7303	4.713	ug/l	95
78) n-propylbenzene	13.035	91	30515	4.216	ug/l	99
79) 2-Chlorotoluene	13.124	91	21362	4.648	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	20420	4.148	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	3037	4.135	ug/l	92
82) 4-Chlorotoluene	13.223	91	21725	4.672	ug/l	100
83) tert-Butylbenzene	13.435	119	18639	4.465	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	21692	4.311	ug/l	97
85) sec-Butylbenzene	13.618	105	24574	4.222	ug/l	97
86) p-Isopropyltoluene	13.729	119	19136	5.212	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	13219	4.632	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	14078	4.768	ug/l	96
89) n-Butylbenzene	14.059	91	17185	4.015	ug/l	99
90) Hexachloroethane	14.329	117	4807	4.496	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	12593	4.745	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2053	5.091	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	5886	4.332	ug/l	97
94) Hexachlorobutadiene	15.500	225	3772	5.342	ug/l	88
95) Naphthalene	15.635	128	18483	4.108	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	6162	4.541	ug/l	99

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

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