

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085250.D
 Acq On : 18 Dec 2024 13:57
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 06:25:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:19:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	101896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	189964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	158846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	62164	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	2.124	85	1624	1.000	ug/l	84
3) Chloromethane	2.359	50	1948	1.259	ug/l #	87
4) Vinyl Chloride	2.512	62	1567	1.081	ug/l #	79
6) Chloroethane	3.118	64	1766	1.131	ug/l #	83
7) Trichlorofluoromethane	3.495	101	2202	0.941	ug/l #	62
8) Diethyl Ether	3.959	74	626	0.851	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	1251	0.996	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	1071	0.921	ug/l #	60
14) Allyl chloride	5.024	41	2044	1.015	ug/l #	22
15) Acrylonitrile	5.718	53	3280	4.868	ug/l	94
16) Acetone	4.448	43	3525	5.734	ug/l #	89
17) Carbon Disulfide	4.712	76	5242	1.321	ug/l #	93
18) Methyl Acetate	5.036	43	1933	1.111	ug/l #	69
19) Methyl tert-butyl Ether	5.812	73	3691	0.926	ug/l	99
20) Methylene Chloride	5.277	84	1388	1.032	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	1469	1.146	ug/l #	68
22) Diisopropyl ether	6.671	45	3365	0.783	ug/l #	84
23) Vinyl Acetate	6.606	43	14035	4.227	ug/l	97
24) 1,1-Dichloroethane	6.571	63	2432	0.977	ug/l #	85
25) 2-Butanone	7.494	43	4745	5.040	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	2289	0.993	ug/l	80
27) cis-1,2-Dichloroethene	7.489	96	1602	1.073	ug/l	89
28) Bromochloromethane	7.812	49	1388	1.106	ug/l #	87
29) Tetrahydrofuran	7.836	42	2887	4.757	ug/l #	84
30) Chloroform	7.959	83	3033	1.141	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	2468	1.042	ug/l #	47
36) 1,1-Dichloropropene	8.371	75	1708	0.918	ug/l #	83
37) Ethyl Acetate	7.565	43	2044	0.953	ug/l #	71
38) Carbon Tetrachloride	8.359	117	2355	1.047	ug/l #	90
39) Methylcyclohexane	9.588	83	1720	0.889	ug/l #	81
40) Benzene	8.606	78	5368	0.928	ug/l	90
41) Methacrylonitrile	7.777	41	946	0.865	ug/l #	74
42) 1,2-Dichloroethane	8.671	62	2046	0.928	ug/l #	77
43) Isopropyl Acetate	8.694	43	4966	1.266	ug/l #	82
44) Trichloroethene	9.347	130	1270	0.986	ug/l	65
45) 1,2-Dichloropropane	9.612	63	1387	0.968	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	954	0.933	ug/l #	78
47) Bromodichloromethane	9.883	83	2026	0.925	ug/l #	89
48) Methyl methacrylate	9.683	41	1393	0.866	ug/l	92
49) 1,4-Dioxane	9.700	88	361	14.236	ug/l #	40
51) 4-Methyl-2-Pentanone	10.447	43	8391	4.070	ug/l	97
52) Toluene	10.624	92	3238	0.931	ug/l	89
53) t-1,3-Dichloropropene	10.841	75	1627	0.762	ug/l #	84
54) cis-1,3-Dichloropropene	10.312	75	1915	0.843	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	1186	0.911	ug/l #	67
56) Ethyl methacrylate	10.871	69	1442	2.793	ug/l	97
57) 1,3-Dichloropropane	11.165	76	2128	0.928	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	2886	17.794	ug/l	97
59) 2-Hexanone	11.194	43	5374	3.657	ug/l	94
60) Dibromochloromethane	11.359	129	1329	0.861	ug/l	98
61) 1,2-Dibromoethane	11.471	107	1216	0.906	ug/l	93
64) Tetrachloroethene	11.100	164	1012	0.947	ug/l #	73
65) Chlorobenzene	11.888	112	3581	1.003	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	1078	0.865	ug/l #	58
67) Ethyl Benzene	11.959	91	5208	0.851	ug/l	97
68) m/p-Xylenes	12.071	106	3798	1.659	ug/l	99
69) o-Xylene	12.400	106	1692	0.786	ug/l	95
70) Styrene	12.418	104	2751	0.766	ug/l	95
71) Bromoform	12.576	173	842	0.862	ug/l #	99
73) Isopropylbenzene	12.694	105	3330	0.743	ug/l	97
74) N-amyl acetate	12.488	43	1748	0.780	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.929	83	1677	1.050	ug/l #	91
76) 1,2,3-Trichloropropane	12.994	75	1455m	0.982	ug/l	
77) Bromobenzene	12.976	156	1330	1.130	ug/l	92
78) n-propylbenzene	13.035	91	4704	0.855	ug/l	93
79) 2-Chlorotoluene	13.118	91	3091	0.885	ug/l	95
80) 1,3,5-Trimethylbenzene	13.171	105	2808	0.751	ug/l	99
82) 4-Chlorotoluene	13.229	91	3041	0.861	ug/l	96
83) tert-Butylbenzene	13.435	119	2748	0.866	ug/l	85
84) 1,2,4-Trimethylbenzene	13.471	105	3057	0.800	ug/l	92
85) sec-Butylbenzene	13.612	105	3372	0.762	ug/l	92
86) p-Isopropyltoluene	13.729	119	2415	2.489	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	2237	1.032	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	2631m	1.173	ug/l	
89) n-Butylbenzene	14.053	91	2897	0.891	ug/l	92
90) Hexachloroethane	14.329	117	842	1.036	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	1864	0.924	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	212	0.692	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	1206	1.168	ug/l #	82
94) Hexachlorobutadiene	15.494	225	673	1.254	ug/l	79
95) Naphthalene	15.641	128	3956	1.157	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.841	180	1186	1.150	ug/l	89

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

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