

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085010.D
 Acq On : 22 Nov 2024 13:45
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 02:01:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 01:56:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	142307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88784	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	1589	0.987	ug/l	91
3) Chloromethane	2.359	50	2580	1.382	ug/l #	86
4) Vinyl Chloride	2.518	62	1730	1.031	ug/l #	81
6) Chloroethane	3.077	64	1303m	1.153	ug/l	
7) Trichlorofluoromethane	3.453	101	2950	1.034	ug/l	99
8) Diethyl Ether	3.953	74	898	0.925	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	1632m	1.009	ug/l	
12) 1,1-Dichloroethene	4.324	96	1511	1.000	ug/l #	61
14) Allyl chloride	5.012	41	2663	1.046	ug/l	98
15) Acrylonitrile	5.718	53	4314	5.625	ug/l #	75
16) Acetone	4.442	43	2973	5.036	ug/l #	69
17) Carbon Disulfide	4.694	76	5206	1.168	ug/l #	84
18) Methyl Acetate	5.030	43	3542m	0.747	ug/l	
19) Methyl tert-butyl Ether	5.789	73	4765m	0.966	ug/l	
20) Methylene Chloride	5.271	84	2130m	1.182	ug/l	
21) trans-1,2-Dichloroethene	5.783	96	1624	1.022	ug/l	95
22) Diisopropyl ether	6.665	45	5194	1.014	ug/l	96
23) Vinyl Acetate	6.600	43	16519	4.672	ug/l	99
24) 1,1-Dichloroethane	6.559	63	3177	1.036	ug/l #	83
25) 2-Butanone	7.477	43	5363	5.556	ug/l #	89
26) 2,2-Dichloropropane	7.494	77	3083	1.077	ug/l	86
27) cis-1,2-Dichloroethene	7.477	96	2074	1.082	ug/l	88
28) Bromochloromethane	7.806	49	1248	1.078	ug/l #	94
29) Tetrahydrofuran	7.835	42	3038	5.061	ug/l	90
30) Chloroform	7.959	83	3824	1.172	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	3231	1.096	ug/l #	48
36) 1,1-Dichloropropene	8.365	75	2304	0.989	ug/l #	87
37) Ethyl Acetate	7.547	43	2101	0.992	ug/l #	67
38) Carbon Tetrachloride	8.359	117	2554	0.949	ug/l	92
39) Methylcyclohexane	9.600	83	1948	0.804	ug/l	89
40) Benzene	8.600	78	7459	1.012	ug/l #	83
41) Methacrylonitrile	7.777	41	1263	1.077	ug/l #	70
42) 1,2-Dichloroethane	8.671	62	2512	0.996	ug/l	81
43) Isopropyl Acetate	8.688	43	5905m	1.342	ug/l	
44) Trichloroethene	9.347	130	1685	0.984	ug/l	74
45) 1,2-Dichloropropane	9.618	63	1911	1.053	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	1327	1.052	ug/l	100
47) Bromodichloromethane	9.894	83	2757	1.031	ug/l #	72
48) Methyl methacrylate	9.682	41	1550	0.946	ug/l	91
49) 1,4-Dioxane	9.700	88	553	19.470	ug/l #	54
51) 4-Methyl-2-Pentanone	10.441	43	9203	4.578	ug/l	93
52) Toluene	10.624	92	3979	0.912	ug/l	92
53) t-1,3-Dichloropropene	10.829	75	2680	1.000	ug/l	89
54) cis-1,3-Dichloropropene	10.312	75	2759	0.970	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	1536	0.945	ug/l #	79
56) Ethyl methacrylate	10.876	69	1888	0.795	ug/l	97
57) 1,3-Dichloropropane	11.165	76	2917	1.020	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	4254	3.651	ug/l	98
59) 2-Hexanone	11.200	43	6264	4.166	ug/l	90
60) Dibromochloromethane	11.359	129	2099	1.057	ug/l	93
61) 1,2-Dibromoethane	11.465	107	1648	0.980	ug/l	98
64) Tetrachloroethene	11.100	164	1291	0.911	ug/l #	88
65) Chlorobenzene	11.888	112	5217	1.094	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	11.965	131	1639	0.976	ug/l #	62
67) Ethyl Benzene	11.959	91	6914	0.894	ug/l #	85
68) m/p-Xylenes	12.070	106	5269	1.789	ug/l	91
69) o-Xylene	12.400	106	2514	0.897	ug/l	82
70) Styrene	12.406	104	3871	0.831	ug/l	99
71) Bromoform	12.576	173	1215	0.975	ug/l #	92
73) Isopropylbenzene	12.688	105	5637	0.900	ug/l	99
74) N-amyl acetate	12.494	43	2377	0.921	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.929	83	2694	1.260	ug/l #	82
76) 1,2,3-Trichloropropane	12.988	75	1816m	1.093	ug/l	
77) Bromobenzene	12.982	156	1903	1.129	ug/l	86
78) n-propylbenzene	13.029	91	6275	0.869	ug/l	97
79) 2-Chlorotoluene	13.123	91	4935	1.023	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	4473	0.851	ug/l	98
82) 4-Chlorotoluene	13.223	91	5286	1.053	ug/l	92
83) tert-Butylbenzene	13.435	119	4357	0.963	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	4802	0.888	ug/l	100
85) sec-Butylbenzene	13.612	105	5284	0.865	ug/l	99
86) p-Isopropyltoluene	13.729	119	4047	0.803	ug/l	88
87) 1,3-Dichlorobenzene	13.729	146	4131	1.243	ug/l	86
88) 1,4-Dichlorobenzene	13.806	146	4149m	1.223	ug/l	
89) n-Butylbenzene	14.053	91	4981	1.062	ug/l	92
90) Hexachloroethane	14.329	117	1217	1.107	ug/l #	52
91) 1,2-Dichlorobenzene	14.100	146	3830	1.202	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	470	1.136	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	2092	1.209	ug/l	93
94) Hexachlorobutadiene	15.494	225	987	1.236	ug/l	80
95) Naphthalene	15.641	128	5242	1.063	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	1849	1.120	ug/l	94

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

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