

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084218.D
 Acq On : 30 Sep 2024 14:48
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 01 06:49:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101963	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	1928	1.015	ug/l	83
3) Chloromethane	2.365	50	2217	1.022	ug/l	99
4) Vinyl Chloride	2.512	62	1981	0.943	ug/l	89
6) Chloroethane	3.124	64	2029	1.349	ug/l	97
7) Trichlorofluoromethane	3.500	101	3140	0.960	ug/l	94
8) Diethyl Ether	3.965	74	1167	0.962	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	1934	1.032	ug/l #	63
12) 1,1-Dichloroethene	4.353	96	1584	0.876	ug/l #	50
14) Allyl chloride	5.018	41	2852m	0.908	ug/l	
15) Acrylonitrile	5.736	53	4920	4.963	ug/l #	81
16) Acetone	4.436	43	4799	4.692	ug/l	90
17) Carbon Disulfide	4.718	76	6680	1.167	ug/l	100
18) Methyl Acetate	5.030	43	2249	1.009	ug/l #	64
19) Methyl tert-butyl Ether	5.806	73	5319	0.872	ug/l #	83
20) Methylene Chloride	5.277	84	2203	1.060	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	1753	0.925	ug/l	86
22) Diisopropyl ether	6.671	45	5639	0.868	ug/l #	96
23) Vinyl Acetate	6.606	43	19212m	3.967	ug/l	
24) 1,1-Dichloroethane	6.571	63	3358	0.925	ug/l #	83
25) 2-Butanone	7.488	43	6488	4.658	ug/l	91
26) 2,2-Dichloropropane	7.494	77	2902	0.886	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	2259	0.987	ug/l	92
28) Bromochloromethane	7.824	49	1718	1.060	ug/l #	87
29) Tetrahydrofuran	7.841	42	4006	4.660	ug/l	92
30) Chloroform	7.971	83	3793	1.005	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	3120	0.921	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	2420	0.871	ug/l	98
37) Ethyl Acetate	7.559	43	2596	0.911	ug/l #	78
38) Carbon Tetrachloride	8.359	117	2795	0.917	ug/l	90
39) Methylcyclohexane	9.600	83	2486	0.804	ug/l #	88
40) Benzene	8.606	78	8245	0.952	ug/l	94
41) Methacrylonitrile	7.782	41	1490	0.963	ug/l #	66
42) 1,2-Dichloroethane	8.671	62	2669	0.909	ug/l	88
43) Isopropyl Acetate	8.688	43	7614m	1.364	ug/l	
44) Trichloroethene	9.347	130	1885	0.932	ug/l	87
45) 1,2-Dichloropropane	9.624	63	1676	0.818	ug/l #	44

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46) Dibromomethane	9.706	93	1144	0.828	ug/l	87
47) Bromodichloromethane	9.894	83	2754	0.897	ug/l #	93
48) Methyl methacrylate	9.676	41	1824	0.821	ug/l	93
49) 1,4-Dioxane	9.694	88	800	19.552	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	11218	4.134	ug/l	97
52) Toluene	10.629	92	4875	0.923	ug/l	91
53) t-1,3-Dichloropropene	10.829	75	2493	0.797	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	2720	0.808	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	1669	0.882	ug/l	90
56) Ethyl methacrylate	10.876	69	2402	0.771	ug/l #	77
57) 1,3-Dichloropropane	11.159	76	3092	0.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	6179	4.278	ug/l	98
59) 2-Hexanone	11.194	43	8282	4.084	ug/l	96
60) Dibromochloromethane	11.353	129	1916	0.857	ug/l	91
61) 1,2-Dibromoethane	11.465	107	1795	0.913	ug/l	99
64) Tetrachloroethene	11.106	164	1690	0.993	ug/l #	87
65) Chlorobenzene	11.888	112	5025	0.927	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.959	131	1632	0.874	ug/l #	66
67) Ethyl Benzene	11.965	91	8582	0.896	ug/l #	88
68) m/p-Xylenes	12.070	106	5869	1.656	ug/l	95
69) o-Xylene	12.400	106	2398	0.715	ug/l	83
70) Styrene	12.412	104	4489	0.790	ug/l	94
71) Bromoform	12.576	173	1168	0.850	ug/l #	94
73) Isopropylbenzene	12.688	105	6991	0.899	ug/l	97
74) N-amyl acetate	12.494	43	3228	0.916	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	2233	0.954	ug/l #	95
76) 1,2,3-Trichloropropane	12.994	75	1826m	0.899	ug/l	
77) Bromobenzene	12.976	156	1818	0.969	ug/l	98
78) n-propylbenzene	13.035	91	7045	0.781	ug/l	95
79) 2-Chlorotoluene	13.129	91	5383	0.936	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	4830	0.761	ug/l	95
82) 4-Chlorotoluene	13.223	91	5174	0.893	ug/l	100
83) tert-Butylbenzene	13.435	119	4909	0.870	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	4760	0.744	ug/l	100
85) sec-Butylbenzene	13.612	105	5795	0.770	ug/l	99
86) p-Isopropyltoluene	13.723	119	4495	0.722	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	3424	0.972	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	3648m	1.026	ug/l	
89) n-Butylbenzene	14.053	91	4866	0.862	ug/l	97
90) Hexachloroethane	14.335	117	1151	0.911	ug/l	82
91) 1,2-Dichlorobenzene	14.100	146	3610	1.046	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.711	75	423	0.876	ug/l	65
93) 1,2,4-Trichlorobenzene	15.400	180	1340	0.788	ug/l	89
94) Hexachlorobutadiene	15.494	225	861	1.015	ug/l	90
95) Naphthalene	15.641	128	5031	0.892	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	1531	0.899	ug/l	95

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

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