

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085159.D
 Acq On : 10 Dec 2024 12:16
 Operator : JC\MD
 Sample : VN1210WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2024
 Supervised By : Mahesh Dadoda 12/11/2024

Quant Time: Dec 11 04:12:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102120	50.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.580%
35) Dibromofluoromethane	8.165	113	81940	51.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.000%
50) Toluene-d8	10.565	98	280118	49.599	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.847	95	107398	50.851	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	21470	13.318	ug/l	100
3) Chloromethane	2.359	50	25427	13.599	ug/l	92
4) Vinyl Chloride	2.506	62	25104	14.940	ug/l	95
5) Bromomethane	2.953	94	18727	19.885	ug/l	91
6) Chloroethane	3.118	64	18040	15.929	ug/l	95
7) Trichlorofluoromethane	3.495	101	46284	16.193	ug/l	99
8) Diethyl Ether	3.959	74	17252	17.733	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	27896	17.208	ug/l	97
10) Methyl Iodide	4.589	142	32659	15.219	ug/l	96
11) Tert butyl alcohol	5.530	59	32103	118.299	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	24480	16.178	ug/l	91
13) Acrolein	4.183	56	18678	103.149	ug/l	98
14) Allyl chloride	5.018	41	37842	14.835	ug/l	97
15) Acrylonitrile	5.724	53	80132	104.298	ug/l	99
16) Acetone	4.436	43	67958	114.904	ug/l	99
17) Carbon Disulfide	4.712	76	65949	14.766	ug/l	98
18) Methyl Acetate	5.030	43	40792	20.912	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	90654	18.336	ug/l	95
20) Methylene Chloride	5.271	84	31330	17.360	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	27550	17.301	ug/l	93
22) Diisopropyl ether	6.671	45	90448	17.617	ug/l	96
23) Vinyl Acetate	6.606	43	334062	94.316	ug/l	100
24) 1,1-Dichloroethane	6.571	63	52108	16.960	ug/l	95
25) 2-Butanone	7.483	43	108010	111.703	ug/l	99
26) 2,2-Dichloropropane	7.488	77	48487	16.901	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	32641	17.003	ug/l	99
28) Bromochloromethane	7.818	49	21322	18.385	ug/l	93
29) Tetrahydrofuran	7.835	42	69375	115.373	ug/l	99
30) Chloroform	7.965	83	57284	17.528	ug/l	94
31) Cyclohexane	8.253	56	42563	15.734	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	51636	17.484	ug/l	97
36) 1,1-Dichloropropene	8.377	75	37166	17.412	ug/l	99
37) Ethyl Acetate	7.565	43	40886	21.070	ug/l	99
38) Carbon Tetrachloride	8.365	117	45926	18.640	ug/l	95
39) Methylcyclohexane	9.600	83	35535	16.021	ug/l	96
40) Benzene	8.606	78	119477	17.697	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22425	20.872	ug/l	95
42) 1,2-Dichloroethane	8.665	62	43002	18.619	ug/l	99
43) Isopropyl Acetate	8.688	43	71897	17.837	ug/l	98
44) Trichloroethene	9.353	130	27935	17.805	ug/l	97
45) 1,2-Dichloropropane	9.618	63	30298	18.221	ug/l	98
46) Dibromomethane	9.706	93	22485	19.460	ug/l	98
47) Bromodichloromethane	9.888	83	47987	19.596	ug/l	98
48) Methyl methacrylate	9.677	41	32181	21.455	ug/l	94
49) 1,4-Dioxane	9.700	88	15101	580.546	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	221647	120.390	ug/l	99
52) Toluene	10.629	92	75732	18.949	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	45706	18.617	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	48635	18.673	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	30641	20.583	ug/l	98
56) Ethyl methacrylate	10.876	69	47018	21.614	ug/l	98
57) 1,3-Dichloropropane	11.165	76	51366	19.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	107728	100.959	ug/l	99
59) 2-Hexanone	11.194	43	168052	122.047	ug/l	99
60) Dibromochloromethane	11.359	129	38080	20.930	ug/l	96
61) 1,2-Dibromoethane	11.465	107	30508	19.802	ug/l	100
64) Tetrachloroethene	11.106	164	27026	19.548	ug/l	90
65) Chlorobenzene	11.888	112	83396	17.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	30974	18.906	ug/l	98
67) Ethyl Benzene	11.965	91	136780	18.119	ug/l	99
68) m/p-Xylenes	12.070	106	106671	37.115	ug/l	99
69) o-Xylene	12.400	106	50342	18.414	ug/l	99
70) Styrene	12.412	104	87270	19.195	ug/l	99
71) Bromoform	12.582	173	25454	20.931	ug/l #	97
73) Isopropylbenzene	12.694	105	130000	17.972	ug/l	99
74) N-amyl acetate	12.494	43	59368	19.917	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	47401	19.190	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39745m	21.311	ug/l	
77) Bromobenzene	12.976	156	36030	18.510	ug/l	99
78) n-propylbenzene	13.035	91	157111	18.831	ug/l	99
79) 2-Chlorotoluene	13.123	91	100426	18.032	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	114472	18.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16780m	19.862	ug/l	
82) 4-Chlorotoluene	13.217	91	102984	17.763	ug/l	99
83) tert-Butylbenzene	13.441	119	95557	18.297	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	113571	18.177	ug/l	99
85) sec-Butylbenzene	13.617	105	128857	18.265	ug/l	100
86) p-Isopropyltoluene	13.729	119	107941	18.534	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	63695	16.590	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	64070	16.352	ug/l	98
89) n-Butylbenzene	14.059	91	85717	15.827	ug/l	98
90) Hexachloroethane	14.329	117	21795	17.169	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	60893	16.551	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9405	19.691	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	28919	14.468	ug/l	96
94) Hexachlorobutadiene	15.500	225	14373	15.581	ug/l	97
95) Naphthalene	15.641	128	89266	15.681	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	28784	15.093	ug/l	95

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

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