

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083173.D
 Acq On : 09 Aug 2024 11:23
 Operator : JC\MD
 Sample : VN0809WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 10 00:52:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	187145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	139676	52.435	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.860%			
35) Dibromofluoromethane	8.171	113	101424	50.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	10.565	98	377959	50.536	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.847	95	146773	50.338	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41916	19.751	ug/l	98
3) Chloromethane	2.359	50	39515	18.187	ug/l	98
4) Vinyl Chloride	2.512	62	41054	18.517	ug/l	100
5) Bromomethane	2.953	94	24958	18.142	ug/l	91
6) Chloroethane	3.118	64	26042	18.775	ug/l	96
7) Trichlorofluoromethane	3.495	101	72364	19.758	ug/l	98
8) Diethyl Ether	3.965	74	25735	18.883	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	40668	20.140	ug/l	97
10) Methyl Iodide	4.595	142	48471	18.248	ug/l	98
11) Tert butyl alcohol	5.524	59	52587	94.993	ug/l	100
12) 1,1-Dichloroethene	4.342	96	38301	18.462	ug/l	88
13) Acrolein	4.177	56	31059	86.085	ug/l	95
14) Allyl chloride	5.030	41	66094	16.859	ug/l	96
15) Acrylonitrile	5.718	53	108700	95.474	ug/l	99
16) Acetone	4.424	43	101238	97.126	ug/l	97
17) Carbon Disulfide	4.712	76	102843	16.942	ug/l #	95
18) Methyl Acetate	5.024	43	59601	19.192	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	146741	19.597	ug/l	100
20) Methylene Chloride	5.277	84	43004	17.927	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	38854	18.121	ug/l	89
22) Diisopropyl ether	6.677	45	144127	19.558	ug/l	93
23) Vinyl Acetate	6.606	43	733068m	97.053	ug/l	
24) 1,1-Dichloroethane	6.565	63	80169	19.959	ug/l	99
25) 2-Butanone	7.483	43	155015	96.856	ug/l	95
26) 2,2-Dichloropropane	7.488	77	74459	19.961	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	49567	19.158	ug/l	93
28) Bromochloromethane	7.818	49	33599	20.468	ug/l	85
29) Tetrahydrofuran	7.841	42	100988	97.611	ug/l	89
30) Chloroform	7.965	83	83367	19.978	ug/l	100
31) Cyclohexane	8.259	56	74020	18.751	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	77835	19.705	ug/l	96
36) 1,1-Dichloropropene	8.377	75	59131	19.496	ug/l	97
37) Ethyl Acetate	7.565	43	63467	18.689	ug/l	96
38) Carbon Tetrachloride	8.365	117	66608	19.498	ug/l	95
39) Methylcyclohexane	9.600	83	69647	18.696	ug/l	98
40) Benzene	8.606	78	175848	19.462	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	34078	17.649	ug/l	93
42) 1,2-Dichloroethane	8.671	62	67941	20.642	ug/l	99
43) Isopropyl Acetate	8.688	43	114495	18.010	ug/l #	94
44) Trichloroethene	9.353	130	42755	19.881	ug/l	91
45) 1,2-Dichloropropane	9.624	63	43077	20.085	ug/l	91
46) Dibromomethane	9.712	93	30891	20.123	ug/l	99
47) Bromodichloromethane	9.888	83	67949	19.713	ug/l	98
48) Methyl methacrylate	9.682	41	52473	18.690	ug/l	93
49) 1,4-Dioxane	9.700	88	20159	397.999	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	322521	100.434	ug/l	94
52) Toluene	10.629	92	111801	19.584	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	70009	19.773	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	73577	19.537	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	40746	19.916	ug/l	99
56) Ethyl methacrylate	10.877	69	74833	19.403	ug/l	90
57) 1,3-Dichloropropane	11.165	76	72457	19.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	147881	90.709	ug/l	98
59) 2-Hexanone	11.194	43	246688	99.296	ug/l	94
60) Dibromochloromethane	11.359	129	49317	19.938	ug/l	100
61) 1,2-Dibromoethane	11.471	107	41541	19.329	ug/l	97
64) Tetrachloroethene	11.106	164	36385	19.831	ug/l	97
65) Chlorobenzene	11.894	112	120630	19.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	42739	19.794	ug/l	97
67) Ethyl Benzene	11.965	91	221827	19.751	ug/l	98
68) m/p-Xylenes	12.071	106	163019	38.749	ug/l	97
69) o-Xylene	12.400	106	82139	19.796	ug/l	99
70) Styrene	12.412	104	135006	19.372	ug/l	98
71) Bromoform	12.576	173	31726	19.395	ug/l #	100
73) Isopropylbenzene	12.694	105	210089	19.515	ug/l	98
74) N-amyl acetate	12.494	43	99126	18.824	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	58687	19.274	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	55406m	19.614	ug/l	
77) Bromobenzene	12.982	156	46383	19.395	ug/l	94
78) n-propylbenzene	13.035	91	245484	19.803	ug/l	99
79) 2-Chlorotoluene	13.129	91	154203	19.620	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	176903	19.627	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	25402	19.560	ug/l	86
82) 4-Chlorotoluene	13.223	91	152031	19.285	ug/l	97
83) tert-Butylbenzene	13.441	119	155460	19.476	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	178479	19.649	ug/l	99
85) sec-Butylbenzene	13.618	105	214176	19.665	ug/l	100
86) p-Isopropyltoluene	13.729	119	180706	20.095	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	85866	19.081	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	86123	18.984	ug/l	97
89) n-Butylbenzene	14.059	91	153766	19.733	ug/l	99
90) Hexachloroethane	14.335	117	33758	19.430	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	83506	19.177	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14238	19.270	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	45713	18.738	ug/l	98
94) Hexachlorobutadiene	15.500	225	19343	17.828	ug/l	97
95) Naphthalene	15.641	128	159547	18.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	45850	18.994	ug/l	96

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

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