

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082313.D
 Acq On : 23 May 2024 11:52
 Operator : JC\MD
 Sample : VN0523WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 04:15:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	175826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143337	51.628	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.260%			
35) Dibromofluoromethane	8.171	113	96997	53.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.020%			
50) Toluene-d8	10.571	98	359574	51.255	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.847	95	129139	51.574	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46953	18.522	ug/l	96
3) Chloromethane	2.359	50	53800	18.727	ug/l	99
4) Vinyl Chloride	2.512	62	51442	19.047	ug/l	97
5) Bromomethane	2.959	94	30680	19.763	ug/l	92
6) Chloroethane	3.118	64	36318	20.594	ug/l	93
7) Trichlorofluoromethane	3.500	101	68607	19.399	ug/l	99
8) Diethyl Ether	3.959	74	27022	21.448	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	39807	19.268	ug/l	98
10) Methyl Iodide	4.589	142	41113	19.795	ug/l	96
11) Tert butyl alcohol	5.524	59	48431	108.672	ug/l	97
12) 1,1-Dichloroethene	4.342	96	36945	19.240	ug/l #	68
13) Acrolein	4.183	56	33830	102.437	ug/l	98
14) Allyl chloride	5.024	41	76136	18.519	ug/l #	90
15) Acrylonitrile	5.724	53	127306	110.297	ug/l	99
16) Acetone	4.430	43	115748	101.631	ug/l #	89
17) Carbon Disulfide	4.712	76	104816	16.900	ug/l	100
18) Methyl Acetate	5.030	43	64988	22.913	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	153396	21.855	ug/l	94
20) Methylene Chloride	5.277	84	46036	20.034	ug/l #	70
21) trans-1,2-Dichloroethene	5.783	96	40835	19.514	ug/l #	78
22) Diisopropyl ether	6.671	45	181351	21.125	ug/l #	91
23) Vinyl Acetate	6.606	43	715642	105.732	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	90496	20.452	ug/l	97
25) 2-Butanone	7.482	43	185524	107.441	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	72388	19.532	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	50687	20.525	ug/l	82
28) Bromochloromethane	7.818	49	40573	20.486	ug/l #	74
29) Tetrahydrofuran	7.841	42	126019	113.666	ug/l #	81
30) Chloroform	7.971	83	90648	21.453	ug/l	96
31) Cyclohexane	8.259	56	79495	17.928	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	77557	20.689	ug/l	89
36) 1,1-Dichloropropene	8.371	75	61150	19.926	ug/l	95
37) Ethyl Acetate	7.565	43	79534	23.157	ug/l #	93
38) Carbon Tetrachloride	8.359	117	63943	20.554	ug/l	96
39) Methylcyclohexane	9.600	83	65275	19.404	ug/l #	88
40) Benzene	8.606	78	192807	21.068	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	46279	22.912	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	75650	21.493	ug/l	96
43) Isopropyl Acetate	8.688	43	153705	25.257	ug/l #	85
44) Trichloroethene	9.353	130	43099	20.732	ug/l	90
45) 1,2-Dichloropropane	9.624	63	50662	21.456	ug/l	98
46) Dibromomethane	9.712	93	34775	22.433	ug/l	96
47) Bromodichloromethane	9.888	83	71512	21.852	ug/l	99
48) Methyl methacrylate	9.682	41	65341	22.533	ug/l #	82
49) 1,4-Dioxane	9.694	88	19341	475.974	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	401138	116.013	ug/l	89
52) Toluene	10.629	92	117347	21.367	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	72789	21.506	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	76831	21.445	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	45413	22.754	ug/l	99
56) Ethyl methacrylate	10.876	69	76723	22.643	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	80211	21.495	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	196667	112.525	ug/l	90
59) 2-Hexanone	11.194	43	294740	116.418	ug/l	89
60) Dibromochloromethane	11.359	129	50410	22.888	ug/l	96
61) 1,2-Dibromoethane	11.470	107	45001	21.952	ug/l	99
64) Tetrachloroethene	11.106	164	43188	21.281	ug/l	94
65) Chlorobenzene	11.894	112	123915	20.486	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	44407	22.288	ug/l	97
67) Ethyl Benzene	11.965	91	219128	20.252	ug/l	98
68) m/p-Xylenes	12.070	106	164470	41.473	ug/l	93
69) o-Xylene	12.400	106	78160	20.347	ug/l	88
70) Styrene	12.412	104	135495	21.235	ug/l	96
71) Bromoform	12.582	173	33938	21.818	ug/l #	96
73) Isopropylbenzene	12.700	105	200805	19.924	ug/l	98
74) N-amyl acetate	12.494	43	113066	20.395	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	63014	21.690	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	60398m	22.620	ug/l	
77) Bromobenzene	12.982	156	48147	20.046	ug/l	84
78) n-propylbenzene	13.035	91	244315	20.471	ug/l	97
79) 2-Chlorotoluene	13.129	91	149564	19.957	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	171777	21.078	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	22535	19.740	ug/l #	67
82) 4-Chlorotoluene	13.223	91	149941	20.463	ug/l	93
83) tert-Butylbenzene	13.441	119	139867	19.618	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	170815	20.487	ug/l	98
85) sec-Butylbenzene	13.617	105	201852	20.426	ug/l	98
86) p-Isopropyltoluene	13.729	119	165969	20.666	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	89630	20.598	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	88633	19.957	ug/l	96
89) n-Butylbenzene	14.059	91	144378	20.001	ug/l	98
90) Hexachloroethane	14.335	117	30004	20.164	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	86596	21.024	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13772	23.072	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	45915	19.887	ug/l	97
94) Hexachlorobutadiene	15.500	225	20659	20.392	ug/l	97
95) Naphthalene	15.641	128	149942	20.723	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	47562	20.578	ug/l	98

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

