

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082509.D
 Acq On : 10 Jun 2024 12:08
 Operator : JC\MD
 Sample : VN0610WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 01:04:15 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	8.224	168	175659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129375	46.643	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.280%		
35) Dibromofluoromethane	8.165	113	95420	52.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.900%		
50) Toluene-d8	10.565	98	326100	47.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.847	95	118989	48.256	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52532	20.743	ug/l	99
3) Chloromethane	2.365	50	58329	20.323	ug/l	95
4) Vinyl Chloride	2.518	62	56000	20.754	ug/l	99
5) Bromomethane	2.959	94	32367	20.869	ug/l	100
6) Chloroethane	3.124	64	35698	20.262	ug/l	95
7) Trichlorofluoromethane	3.500	101	74996	21.226	ug/l	99
8) Diethyl Ether	3.959	74	23995	19.063	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	42428	20.556	ug/l	99
10) Methyl Iodide	4.589	142	39063	18.826	ug/l	98
11) Tert butyl alcohol	5.518	59	42634	95.755	ug/l	100
12) 1,1-Dichloroethene	4.336	96	38162	19.892	ug/l	85
13) Acrolein	4.177	56	37142	112.572	ug/l	98
14) Allyl chloride	5.024	41	76128	18.535	ug/l #	92
15) Acrylonitrile	5.718	53	118241	102.540	ug/l	99
16) Acetone	4.430	43	110123	96.784	ug/l	90
17) Carbon Disulfide	4.718	76	117776	19.008	ug/l	100
18) Methyl Acetate	5.024	43	60582	21.380	ug/l #	65
19) Methyl tert-butyl Ether	5.800	73	136642	19.486	ug/l	96
20) Methylene Chloride	5.277	84	46511	20.260	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	42188	20.180	ug/l #	81
22) Diisopropyl ether	6.677	45	169920	19.812	ug/l #	92
23) Vinyl Acetate	6.606	43	649288	96.020	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	88406	19.998	ug/l	99
25) 2-Butanone	7.483	43	172711	100.116	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	77797	21.011	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	49678	20.135	ug/l	84
28) Bromochloromethane	7.812	49	32434	16.304	ug/l #	79
29) Tetrahydrofuran	7.835	42	112555	101.619	ug/l #	82
30) Chloroform	7.965	83	87416	20.707	ug/l	99
31) Cyclohexane	8.259	56	82072	18.526	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	78983	21.089	ug/l	95
36) 1,1-Dichloropropene	8.371	75	60831	20.129	ug/l	95
37) Ethyl Acetate	7.559	43	70045	20.711	ug/l #	93
38) Carbon Tetrachloride	8.365	117	66455	21.692	ug/l	93
39) Methylcyclohexane	9.600	83	62435	18.848	ug/l #	84
40) Benzene	8.606	78	190473	21.136	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	38519	19.366	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	71395	20.599	ug/l	96
43) Isopropyl Acetate	8.688	43	126219	21.062	ug/l #	88
44) Trichloroethene	9.353	130	43957	21.473	ug/l	96
45) 1,2-Dichloropropane	9.624	63	47392	20.382	ug/l	100
46) Dibromomethane	9.712	93	31829	20.850	ug/l	98
47) Bromodichloromethane	9.888	83	70740	21.951	ug/l	97
48) Methyl methacrylate	9.682	41	57372	20.091	ug/l #	82
49) 1,4-Dioxane	9.700	88	17661	441.363	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	355208	104.321	ug/l	90
52) Toluene	10.629	92	114058	21.090	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	70322	21.099	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	75043	21.271	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	43225	21.994	ug/l	93
56) Ethyl methacrylate	10.876	69	67125	20.117	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	74448	20.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	157233	91.356	ug/l	90
59) 2-Hexanone	11.194	43	262226	105.180	ug/l	89
60) Dibromochloromethane	11.359	129	50313	23.198	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42539	21.073	ug/l	98
64) Tetrachloroethene	11.106	164	42433	21.531	ug/l	96
65) Chlorobenzene	11.894	112	120927	20.587	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	43003	22.225	ug/l	98
67) Ethyl Benzene	11.965	91	211384	20.117	ug/l	99
68) m/p-Xylenes	12.070	106	155806	40.457	ug/l	92
69) o-Xylene	12.400	106	74048	19.849	ug/l	90
70) Styrene	12.412	104	127050	20.504	ug/l	95
71) Bromoform	12.576	173	33314	22.046	ug/l #	97
73) Isopropylbenzene	12.700	105	190826	18.674	ug/l	99
74) N-amyl acetate	12.494	43	98536	17.531	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	59789	20.297	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	55519m	20.507	ug/l	
77) Bromobenzene	12.982	156	47494	19.503	ug/l	86
78) n-propylbenzene	13.035	91	231446	19.127	ug/l	97
79) 2-Chlorotoluene	13.129	91	142593	18.766	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	160039	19.369	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	21622	18.680	ug/l #	68
82) 4-Chlorotoluene	13.223	91	141074	18.989	ug/l	95
83) tert-Butylbenzene	13.441	119	131843	18.239	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	159972	18.924	ug/l	99
85) sec-Butylbenzene	13.617	105	185912	18.555	ug/l	98
86) p-Isopropyltoluene	13.729	119	155788	19.132	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	85676	19.419	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	86633	19.239	ug/l	98
89) n-Butylbenzene	14.059	91	131164	17.921	ug/l	98
90) Hexachloroethane	14.335	117	31483	20.868	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	83576	20.013	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12807	21.161	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	41700	17.814	ug/l	96
94) Hexachlorobutadiene	15.506	225	19994	19.465	ug/l	98
95) Naphthalene	15.641	128	132045	18.000	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	42824	18.274	ug/l	93

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

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