

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080505.D
 Acq On : 15 Dec 2023 15:59
 Operator : JC\MD
 Sample : VN1215WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 02:54:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	291201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	465707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	412321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189170	50.862	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.720%		
35) Dibromofluoromethane	8.171	113	145640	49.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	10.571	98	544107	49.409	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.853	95	203138	48.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54734	14.708	ug/l	98
3) Chloromethane	2.360	50	56694	14.275	ug/l	97
4) Vinyl Chloride	2.512	62	43726	13.759	ug/l	97
5) Bromomethane	2.959	94	22015	15.365	ug/l	95
6) Chloroethane	3.118	64	29380	14.387	ug/l	94
7) Trichlorofluoromethane	3.501	101	102837	15.954	ug/l	99
8) Diethyl Ether	3.959	74	34370	16.928	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	49987	16.361	ug/l	97
10) Methyl Iodide	4.589	142	38432	14.301	ug/l	97
11) Tert butyl alcohol	5.518	59	37546	85.715	ug/l	96
12) 1,1-Dichloroethene	4.342	96	48935	15.632	ug/l	88
13) Acrolein	4.171	56	42304	88.187	ug/l	98
14) Allyl chloride	5.018	41	60531	15.628	ug/l	94
15) Acrylonitrile	5.718	53	108992	88.061	ug/l	99
16) Acetone	4.424	43	74748	113.345	ug/l	97
17) Carbon Disulfide	4.712	76	124717	14.058	ug/l	98
18) Methyl Acetate	5.024	43	79414	18.715	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	180114	17.245	ug/l	98
20) Methylene Chloride	5.271	84	57087	16.175	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	55647	16.394	ug/l #	83
22) Diisopropyl ether	6.671	45	146467	17.521	ug/l	90
23) Vinyl Acetate	6.600	43	395949	82.470	ug/l	93
24) 1,1-Dichloroethane	6.565	63	99660	17.087	ug/l	99
25) 2-Butanone	7.483	43	123380	97.117	ug/l	92
26) 2,2-Dichloropropane	7.489	77	97954	16.424	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	64137	16.693	ug/l	89
28) Bromochloromethane	7.812	49	45503	20.320	ug/l	100
29) Tetrahydrofuran	7.836	42	80948	88.980	ug/l	94
30) Chloroform	7.965	83	111305	17.193	ug/l	94
31) Cyclohexane	8.259	56	79587	15.735	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	106235	16.760	ug/l	96
36) 1,1-Dichloropropene	8.377	75	79613	16.490	ug/l	95
37) Ethyl Acetate	7.559	43	54842	18.140	ug/l	96
38) Carbon Tetrachloride	8.365	117	94237	16.335	ug/l	97
39) Methylcyclohexane	9.600	83	76950	15.342	ug/l	93
40) Benzene	8.606	78	232079	16.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30722	17.626	ug/l	94
42) 1,2-Dichloroethane	8.671	62	90197	17.471	ug/l	98
43) Isopropyl Acetate	8.688	43	95931	17.648	ug/l	99
44) Trichloroethene	9.353	130	60277	16.038	ug/l	97
45) 1,2-Dichloropropane	9.624	63	57670	17.612	ug/l	98
46) Dibromomethane	9.712	93	40849	17.372	ug/l	92
47) Bromodichloromethane	9.888	83	86700	17.203	ug/l	95
48) Methyl methacrylate	9.683	41	53784	16.580	ug/l	92
49) 1,4-Dioxane	9.700	88	16699	339.623	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	274812	91.794	ug/l	100
52) Toluene	10.630	92	150561	17.095	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	94399	17.312	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	99556	17.082	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	56111	17.706	ug/l	94
56) Ethyl methacrylate	10.877	69	62127	17.707	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	97909	17.624	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197315	89.082	ug/l	99
59) 2-Hexanone	11.194	43	200844	90.873	ug/l	98
60) Dibromochloromethane	11.359	129	64546	17.188	ug/l	99
61) 1,2-Dibromoethane	11.471	107	56660	17.275	ug/l	99
64) Tetrachloroethene	11.106	164	52339	16.441	ug/l	97
65) Chlorobenzene	11.894	112	155452	16.948	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	60250	16.741	ug/l	94
67) Ethyl Benzene	11.965	91	300646	17.826	ug/l	97
68) m/p-Xylenes	12.071	106	217706	34.933	ug/l	91
69) o-Xylene	12.400	106	106144	17.413	ug/l	91
70) Styrene	12.412	104	151422	17.245	ug/l	93
71) Bromoform	12.576	173	44011	16.769	ug/l #	99
73) Isopropylbenzene	12.694	105	271498	17.333	ug/l	100
74) N-amyl acetate	12.494	43	76275	16.675	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	71431	17.018	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	69994m	17.994	ug/l	
77) Bromobenzene	12.982	156	66142	17.165	ug/l	96
78) n-propylbenzene	13.035	91	298184	17.266	ug/l	99
79) 2-Chlorotoluene	13.124	91	193455	17.158	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	239968	17.788	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	23987	16.191	ug/l #	83
82) 4-Chlorotoluene	13.224	91	196706	16.973	ug/l	96
83) tert-Butylbenzene	13.441	119	184974	16.743	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	246312	18.353	ug/l	99
85) sec-Butylbenzene	13.618	105	240569	17.022	ug/l	100
86) p-Isopropyltoluene	13.729	119	222101	17.405	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	112494	16.570	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	114126	16.653	ug/l	96
89) n-Butylbenzene	14.059	91	184091	17.275	ug/l	97
90) Hexachloroethane	14.335	117	33635	16.597	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	109567	16.996	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	16819	19.051	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	66893	18.689	ug/l	99
94) Hexachlorobutadiene	15.500	225	30361	14.900	ug/l	98
95) Naphthalene	15.641	128	938970	86.390	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61273	17.740	ug/l	97

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

