

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077962.D
 Acq On : 30 May 2023 12:15
 Operator : JC\MD
 Sample : VN0530WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

Quant Time: May 31 02:05:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	338360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	598478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	531255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	261430	51.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.280%
35) Dibromofluoromethane	8.171	113	219906	56.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.700%
50) Toluene-d8	10.570	98	795455	52.955	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.900%
62) 4-Bromofluorobenzene	12.853	95	266551	50.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	72528	18.835	ug/l	99
3) Chloromethane	2.371	50	80283	18.537	ug/l	98
4) Vinyl Chloride	2.524	62	98035	20.193	ug/l	94
5) Bromomethane	2.959	94	77798	21.667	ug/l	99
6) Chloroethane	3.130	64	73198	20.920	ug/l	98
7) Trichlorofluoromethane	3.506	101	142703	21.091	ug/l	91
8) Diethyl Ether	3.965	74	54320	21.991	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	81836	21.856	ug/l	98
10) Methyl Iodide	4.600	142	106491	23.847	ug/l	99
11) Tert butyl alcohol	5.530	59	71952	102.979	ug/l	99
12) 1,1-Dichloroethene	4.347	96	74037	20.804	ug/l	85
13) Acrolein	4.189	56	47189	90.195	ug/l	91
14) Allyl chloride	5.041	41	108782	20.807	ug/l	92
15) Acrylonitrile	5.730	53	193778	103.809	ug/l	96
16) Acetone	4.441	43	159733	100.284	ug/l	99
17) Carbon Disulfide	4.718	76	186386	19.438	ug/l	100
18) Methyl Acetate	5.036	43	147011	22.001	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	275289	21.371	ug/l	97
20) Methylene Chloride	5.288	84	97966	22.546	ug/l #	87
21) trans-1,2-Dichloroethene	5.800	96	82842	20.723	ug/l	93
22) Diisopropyl ether	6.683	45	265955	21.703	ug/l #	92
23) Vinyl Acetate	6.612	43	776619	102.289	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	167461	22.306	ug/l	97
25) 2-Butanone	7.494	43	247141	99.189	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	138294	21.683	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	108201	22.574	ug/l	95
28) Bromochloromethane	7.824	49	68176	20.998	ug/l	89
29) Tetrahydrofuran	7.847	42	154689	94.814	ug/l	88
30) Chloroform	7.977	83	184010	22.281	ug/l	96
31) Cyclohexane	8.265	56	139675	20.299	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	157444	22.424	ug/l	95
36) 1,1-Dichloropropene	8.377	75	128362	22.487	ug/l	96
37) Ethyl Acetate	7.565	43	104502	20.540	ug/l #	94
38) Carbon Tetrachloride	8.371	117	137827	23.911	ug/l	100
39) Methylcyclohexane	9.606	83	149107	21.337	ug/l	94
40) Benzene	8.612	78	389675	23.134	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	54296	20.039	ug/l	91
42) 1,2-Dichloroethane	8.676	62	139356	22.775	ug/l	98
43) Isopropyl Acetate	8.694	43	179690	21.623	ug/l	96
44) Trichloroethene	9.359	130	99845	23.409	ug/l	94
45) 1,2-Dichloropropane	9.629	63	99459	23.148	ug/l	100
46) Dibromomethane	9.718	93	70814	23.033	ug/l	95
47) Bromodichloromethane	9.894	83	139650	23.725	ug/l	95
48) Methyl methacrylate	9.688	41	85249	21.636	ug/l	86
49) 1,4-Dioxane	9.706	88	35251	473.693	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	543943	110.116	ug/l	92
52) Toluene	10.635	92	248568	23.703	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	142537	22.867	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	159437	23.211	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	98203	23.585	ug/l	94
56) Ethyl methacrylate	10.882	69	138718	22.034	ug/l	91
57) 1,3-Dichloropropane	11.170	76	169571	23.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	279776	90.331	ug/l	92
59) 2-Hexanone	11.200	43	366985	100.441	ug/l	92
60) Dibromochloromethane	11.365	129	105823	24.619	ug/l	99
61) 1,2-Dibromoethane	11.476	107	97154	23.389	ug/l	99
64) Tetrachloroethene	11.112	164	94428	25.417	ug/l	96
65) Chlorobenzene	11.900	112	267358	23.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	99937	25.078	ug/l	97
67) Ethyl Benzene	11.970	91	465321	22.546	ug/l	99
68) m/p-Xylenes	12.076	106	365327	46.715	ug/l	100
69) o-Xylene	12.406	106	175546	22.825	ug/l	96
70) Styrene	12.417	104	280816	22.985	ug/l	99
71) Bromoform	12.588	173	64689	24.402	ug/l #	99
73) Isopropylbenzene	12.700	105	449182	24.196	ug/l	100
74) N-amyl acetate	12.500	43	141083	20.560	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	130925	22.924	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	127880m	23.710	ug/l	
77) Bromobenzene	12.988	156	100872	23.810	ug/l	96
78) n-propylbenzene	13.041	91	516527	23.600	ug/l	100
79) 2-Chlorotoluene	13.129	91	316024	24.198	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	382950	24.544	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	35409	20.986	ug/l	91
82) 4-Chlorotoluene	13.229	91	293019	22.550	ug/l	98
83) tert-Butylbenzene	13.447	119	316626	23.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	373847	24.363	ug/l	98
85) sec-Butylbenzene	13.623	105	441074	22.785	ug/l	99
86) p-Isopropyltoluene	13.735	119	367978	23.844	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	175320	22.377	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	167483	21.542	ug/l	98
89) n-Butylbenzene	14.064	91	283030	19.939	ug/l	99
90) Hexachloroethane	14.341	117	62340	24.589	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	175792	24.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22364	20.226	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	64558	15.093	ug/l	98
94) Hexachlorobutadiene	15.511	225	32776	18.456	ug/l	97
95) Naphthalene	15.647	128	186827	12.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	66881	15.970	ug/l	100

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

