

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077961.D
 Acq On : 30 May 2023 11:40
 Operator : JC\MD
 Sample : VN0530WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530WBS01

Quant Time: May 31 02:04:20 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	366153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	657251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	560121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	275277	50.246	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.500%			
35) Dibromofluoromethane	8.177	113	232906	54.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.680%			
50) Toluene-d8	10.571	98	867552	52.590	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.180%			
62) 4-Bromofluorobenzene	12.853	95	284924	48.903	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	71957	17.268	ug/l	96
3) Chloromethane	2.371	50	83862	17.829	ug/l	97
4) Vinyl Chloride	2.524	62	107053	20.376	ug/l	94
5) Bromomethane	2.965	94	83504	21.490	ug/l	91
6) Chloroethane	3.124	64	77237	20.399	ug/l	98
7) Trichlorofluoromethane	3.506	101	151812	20.734	ug/l	99
8) Diethyl Ether	3.971	74	55441	20.741	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	85418	21.081	ug/l	96
10) Methyl Iodide	4.600	142	106093	21.955	ug/l	95
11) Tert butyl alcohol	5.530	59	70073	92.677	ug/l	97
12) 1,1-Dichloroethene	4.353	96	79903	20.748	ug/l	92
13) Acrolein	4.195	56	47355	81.283	ug/l	98
14) Allyl chloride	5.036	41	122520	21.656	ug/l	95
15) Acrylonitrile	5.730	53	191888	94.994	ug/l	100
16) Acetone	4.436	43	168223	97.598	ug/l	96
17) Carbon Disulfide	4.718	76	198984	19.176	ug/l	98
18) Methyl Acetate	5.042	43	140861	19.480	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	286587	20.559	ug/l	96
20) Methylene Chloride	5.283	84	97224	20.506	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	88623	20.486	ug/l #	83
22) Diisopropyl ether	6.677	45	274906	20.731	ug/l #	92
23) Vinyl Acetate	6.612	43	778949	94.808	ug/l #	88
24) 1,1-Dichloroethane	6.583	63	171115	21.063	ug/l	99
25) 2-Butanone	7.494	43	247212	91.686	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	148329	21.491	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	111382	21.473	ug/l	91
28) Bromochloromethane	7.818	49	67692	19.266	ug/l	90
29) Tetrahydrofuran	7.841	42	157262	89.075	ug/l	84
30) Chloroform	7.977	83	191001	21.372	ug/l	92
31) Cyclohexane	8.265	56	147293	19.781	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	163026	21.456	ug/l	98
36) 1,1-Dichloropropene	8.377	75	135169	21.562	ug/l	95
37) Ethyl Acetate	7.571	43	102144	18.281	ug/l	95
38) Carbon Tetrachloride	8.371	117	146438	23.134	ug/l	100
39) Methylcyclohexane	9.606	83	155345	20.242	ug/l	91
40) Benzene	8.612	78	402819	21.775	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	53103	17.846	ug/l	95
42) 1,2-Dichloroethane	8.677	62	142820	21.254	ug/l	97
43) Isopropyl Acetate	8.694	43	182623	20.010	ug/l #	93
44) Trichloroethene	9.359	130	105226	22.465	ug/l	98
45) 1,2-Dichloropropane	9.629	63	101275	21.463	ug/l	100
46) Dibromomethane	9.718	93	72685	21.527	ug/l	97
47) Bromodichloromethane	9.894	83	147501	22.818	ug/l	100
48) Methyl methacrylate	9.688	41	84579	19.547	ug/l	86
49) 1,4-Dioxane	9.706	88	32830	401.711	ug/l	91
51) 4-Methyl-2-Pentanone	10.453	43	534769	98.578	ug/l	93
52) Toluene	10.635	92	264847	22.997	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	147159	21.498	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	164518	21.809	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	101171	22.125	ug/l	96
56) Ethyl methacrylate	10.876	69	137370	19.869	ug/l #	91
57) 1,3-Dichloropropane	11.171	76	170091	21.698	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	273384	80.374	ug/l	93
59) 2-Hexanone	11.200	43	363453	90.579	ug/l	94
60) Dibromochloromethane	11.365	129	107098	22.687	ug/l	99
61) 1,2-Dibromoethane	11.476	107	98608	21.616	ug/l	99
64) Tetrachloroethene	11.112	164	98700	25.197	ug/l	99
65) Chlorobenzene	11.894	112	274467	22.603	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.971	131	101693	24.204	ug/l	98
67) Ethyl Benzene	11.971	91	489008	22.472	ug/l	99
68) m/p-Xylenes	12.082	106	367079	44.520	ug/l	96
69) o-Xylene	12.406	106	184248	22.722	ug/l	98
70) Styrene	12.418	104	279666	21.711	ug/l	96
71) Bromoform	12.582	173	65642	23.485	ug/l #	99
73) Isopropylbenzene	12.706	105	470960	24.586	ug/l	100
74) N-amyl acetate	12.500	43	141458	19.979	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	134980	22.905	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	118413m	21.277	ug/l	
77) Bromobenzene	12.988	156	98866	22.616	ug/l	95
78) n-propylbenzene	13.041	91	525064	23.250	ug/l	99
79) 2-Chlorotoluene	13.129	91	323169	23.981	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	392344	24.370	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	35963	20.656	ug/l #	88
82) 4-Chlorotoluene	13.229	91	297370	22.179	ug/l	99
83) tert-Butylbenzene	13.447	119	340516	24.228	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	388449	24.533	ug/l	99
85) sec-Butylbenzene	13.623	105	456089	22.834	ug/l	100
86) p-Isopropyltoluene	13.735	119	378810	23.788	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	181686	22.474	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	168274	20.976	ug/l	99
89) n-Butylbenzene	14.065	91	291294	19.888	ug/l	98
90) Hexachloroethane	14.341	117	64510	24.660	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	176207	23.331	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	22406	19.639	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	61824	14.008	ug/l	97
94) Hexachlorobutadiene	15.511	225	34097	18.607	ug/l	100
95) Naphthalene	15.647	128	181917	11.975	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	65772	15.221	ug/l	96

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

