

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077942.D
 Acq On : 26 May 2023 23:16
 Operator : JC\MD
 Sample : VN0526WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBS02

Quant Time: May 29 01:31:06 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 : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	332642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	609643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	529556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	208449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	245878	49.401	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.800%
35) Dibromofluoromethane	8.177	113	209225	52.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.260%
50) Toluene-d8	10.576	98	772114	50.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.853	95	250670	46.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.760%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	65304	17.250	ug/l	99
3) Chloromethane	2.371	50	77754	18.234	ug/l	93
4) Vinyl Chloride	2.518	62	94846	19.872	ug/l	93
5) Bromomethane	2.965	94	76698	21.727	ug/l	92
6) Chloroethane	3.130	64	68817	20.006	ug/l	98
7) Trichlorofluoromethane	3.506	101	137339	20.647	ug/l	99
8) Diethyl Ether	3.977	74	49382	20.336	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	78104	21.218	ug/l	96
10) Methyl Iodide	4.600	142	92169	20.995	ug/l	98
11) Tert butyl alcohol	5.536	59	66661	97.046	ug/l	96
12) 1,1-Dichloroethene	4.353	96	71712	20.497	ug/l	90
13) Acrolein	4.189	56	35145	60.459	ug/l	92
14) Allyl chloride	5.036	41	102169	19.879	ug/l	95
15) Acrylonitrile	5.730	53	170424	92.867	ug/l	98
16) Acetone	4.442	43	143554	91.676	ug/l	100
17) Carbon Disulfide	4.724	76	172294	18.277	ug/l	98
18) Methyl Acetate	5.036	43	127802	19.455	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	247496	19.544	ug/l	94
20) Methylene Chloride	5.283	84	100843	23.703	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	82711	21.046	ug/l #	83
22) Diisopropyl ether	6.683	45	241995	20.087	ug/l #	92
23) Vinyl Acetate	6.618	43	684645	91.725	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	151307	20.501	ug/l	98
25) 2-Butanone	7.488	43	219607	89.653	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	100267	15.991	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	99940	21.209	ug/l	96
28) Bromochloromethane	7.818	49	66971	20.981	ug/l	88
29) Tetrahydrofuran	7.853	42	142432	88.802	ug/l #	85
30) Chloroform	7.971	83	166767	20.541	ug/l	93
31) Cyclohexane	8.265	56	127501	18.848	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	148335	21.490	ug/l	98
36) 1,1-Dichloropropene	8.382	75	121112	20.829	ug/l	96
37) Ethyl Acetate	7.571	43	88141	17.007	ug/l	98
38) Carbon Tetrachloride	8.371	117	123749	21.076	ug/l	97
39) Methylcyclohexane	9.612	83	132880	18.667	ug/l	94
40) Benzene	8.612	78	361408	21.062	ug/l	95

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41) Methacrylonitrile	7.788	41	47969	17.380	ug/l	91
42) 1,2-Dichloroethane	8.677	62	127805	20.504	ug/l	96
43) Isopropyl Acetate	8.694	43	155953	18.423	ug/l	96
44) Trichloroethene	9.359	130	94485	21.747	ug/l	87
45) 1,2-Dichloropropane	9.629	63	90739	20.732	ug/l	97
46) Dibromomethane	9.712	93	64234	20.510	ug/l	96
47) Bromodichloromethane	9.894	83	127767	21.309	ug/l	94
48) Methyl methacrylate	9.688	41	74413	18.540	ug/l	91
49) 1,4-Dioxane	9.700	88	29853	393.809	ug/l	89
51) 4-Methyl-2-Pentanone	10.453	43	477214	94.838	ug/l	92
52) Toluene	10.635	92	231864	21.706	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	121085	19.070	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	139968	20.003	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	89321	21.059	ug/l	94
56) Ethyl methacrylate	10.882	69	125902	19.632	ug/l	92
57) 1,3-Dichloropropane	11.171	76	154792	21.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	257872	81.734	ug/l	93
59) 2-Hexanone	11.206	43	328035	88.137	ug/l	91
60) Dibromochloromethane	11.365	129	92006	21.012	ug/l	98
61) 1,2-Dibromoethane	11.476	107	88231	20.852	ug/l	100
64) Tetrachloroethene	11.112	164	87165	23.537	ug/l	98
65) Chlorobenzene	11.900	112	241157	21.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.970	131	87838	22.113	ug/l	97
67) Ethyl Benzene	11.970	91	432466	21.021	ug/l	98
68) m/p-Xylenes	12.082	106	334894	42.961	ug/l	100
69) o-Xylene	12.406	106	162731	21.227	ug/l	97
70) Styrene	12.418	104	249357	20.475	ug/l	96
71) Bromoform	12.588	173	55004	20.815	ug/l #	97
73) Isopropylbenzene	12.706	105	418924	23.315	ug/l	99
74) N-amyl acetate	12.500	43	121910	18.355	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	116370	21.052	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	104825m	20.080	ug/l	
77) Bromobenzene	12.988	156	91836	22.396	ug/l	96
78) n-propylbenzene	13.041	91	467584	22.073	ug/l	100
79) 2-Chlorotoluene	13.129	91	293201	23.195	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	349752	23.160	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	26538	16.250	ug/l #	86
82) 4-Chlorotoluene	13.229	91	265214	21.087	ug/l	98
83) tert-Butylbenzene	13.447	119	291952	22.145	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	346137	23.305	ug/l	99
85) sec-Butylbenzene	13.623	105	400023	21.350	ug/l	98
86) p-Isopropyltoluene	13.735	119	321282	21.509	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	158191	20.861	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	154016	20.467	ug/l	99
89) n-Butylbenzene	14.064	91	248576	18.093	ug/l	99
90) Hexachloroethane	14.341	117	54305	22.130	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	154895	21.865	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	18983	17.738	ug/l	96
93) 1,2,4-Trichlorobenzene	15.406	180	55695	13.453	ug/l	99
94) Hexachlorobutadiene	15.511	225	27799	16.173	ug/l	98
95) Naphthalene	15.647	128	162253	11.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	59429	14.662	ug/l	96

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

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 Dadoda

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