

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077233.D
 Acq On : 28 Mar 2023 13:28
 Operator : JC\MD
 Sample : VN0328WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

Quant Time: Mar 29 01:12:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	256083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	449528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	409338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	183354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	179424	44.811	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.620%		
35) Dibromofluoromethane	8.172	113	129277	42.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.760%		
50) Toluene-d8	10.566	98	515716	45.122	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.240%		
62) 4-Bromofluorobenzene	12.854	95	157051	41.868	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	50945	19.071	ug/l	97
3) Chloromethane	2.378	50	102964	27.475	ug/l	97
4) Vinyl Chloride	2.531	62	121982	28.818	ug/l	97
5) Bromomethane	2.960	94	120942	35.795	ug/l	89
6) Chloroethane	3.137	64	123047	33.529	ug/l	92
7) Trichlorofluoromethane	3.507	101	418127	64.420	ug/l	91
8) Diethyl Ether	3.972	74	136509	63.897	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.390	101	134001	48.236	ug/l	95
10) Methyl Iodide	4.601	142	124609	39.757	ug/l	95
11) Tert butyl alcohol	5.531	59	49576	90.849	ug/l	98
12) 1,1-Dichloroethene	4.354	96	131152	49.635	ug/l	89
13) Acrolein	4.196	56	222937	291.274	ug/l	99
14) Allyl chloride	5.031	41	102043	20.556	ug/l #	83
15) Acrylonitrile	5.731	53	158244	93.018	ug/l	99
16) Acetone	4.437	43	341658	229.490	ug/l #	87
17) Carbon Disulfide	4.731	76	144115	19.492	ug/l	100
18) Methyl Acetate	5.037	43	117485	19.725	ug/l #	78
19) Methyl tert-butyl Ether	5.807	73	184463	19.639	ug/l	99
20) Methylene Chloride	5.284	84	63342	19.106	ug/l #	75
21) trans-1,2-Dichloroethene	5.795	96	54778	18.891	ug/l #	85
22) Diisopropyl ether	6.678	45	216604	20.243	ug/l #	83
23) Vinyl Acetate	6.613	43	709254	102.723	ug/l #	85
24) 1,1-Dichloroethane	6.578	63	116765	19.519	ug/l	95
25) 2-Butanone	7.489	43	233747	100.414	ug/l #	78
26) 2,2-Dichloropropane	7.495	77	92710	22.473	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	65594	19.610	ug/l	85
28) Bromochloromethane	7.825	49	65966	21.624	ug/l #	66
29) Tetrahydrofuran	7.842	42	146304	94.875	ug/l #	74
30) Chloroform	7.966	83	117850	20.002	ug/l	97
31) Cyclohexane	8.260	56	108794	19.559	ug/l #	76
32) 1,1,1-Trichloroethane	8.172	97	100388	19.845	ug/l	95
36) 1,1-Dichloropropene	8.378	75	85888	20.231	ug/l	94
37) Ethyl Acetate	7.566	43	88117	18.622	ug/l #	90
38) Carbon Tetrachloride	8.372	117	85658	19.900	ug/l	97
39) Methylcyclohexane	9.607	83	103615	20.897	ug/l #	84
40) Benzene	8.613	78	250170	19.228	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	50250	19.429	ug/l #	77
42) 1,2-Dichloroethane	8.678	62	98655	20.111	ug/l	94
43) Isopropyl Acetate	8.695	43	156603	20.514	ug/l #	84
44) Trichloroethene	9.354	130	56806	19.056	ug/l	91
45) 1,2-Dichloropropane	9.625	63	66626	19.255	ug/l	93
46) Dibromomethane	9.707	93	43814	19.374	ug/l	96
47) Bromodichloromethane	9.889	83	91001	20.232	ug/l	94
48) Methyl methacrylate	9.683	41	75797	20.618	ug/l #	72
49) 1,4-Dioxane	9.695	88	23643	377.251	ug/l #	85
51) 4-Methyl-2-Pentanone	10.448	43	489319	101.871	ug/l #	83
52) Toluene	10.630	92	164732	20.761	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	93329	20.448	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	99032	19.826	ug/l #	84
55) 1,1,2-Trichloroethane	11.013	97	59645	19.149	ug/l	98
56) Ethyl methacrylate	10.877	69	90586	19.701	ug/l #	50
57) 1,3-Dichloropropane	11.166	76	90942	16.377	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	149475	83.336	ug/l #	87
59) 2-Hexanone	11.195	43	353359	102.362	ug/l	79
60) Dibromochloromethane	11.360	129	64639	20.201	ug/l	99
61) 1,2-Dibromoethane	11.472	107	59356	19.175	ug/l	100
64) Tetrachloroethene	11.101	164	50538	19.903	ug/l	89
65) Chlorobenzene	11.895	112	164018	19.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	59512	19.752	ug/l	98
67) Ethyl Benzene	11.966	91	301856	20.119	ug/l	97
68) m/p-Xylenes	12.072	106	228374	40.019	ug/l	95
69) o-Xylene	12.401	106	111174	20.118	ug/l	90
70) Styrene	12.413	104	176108	19.729	ug/l	94
71) Bromoform	12.583	173	43611	19.541	ug/l #	97
73) Isopropylbenzene	12.695	105	289990	20.101	ug/l	96
74) N-amyl acetate	12.495	43	130555	20.768	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.936	83	94092	19.527	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	81458m	21.900	ug/l	
77) Bromobenzene	12.983	156	68102	20.506	ug/l	95
78) n-propylbenzene	13.036	91	344374	20.699	ug/l	96
79) 2-Chlorotoluene	13.130	91	201790	19.724	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	245229	20.413	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	27160	21.046	ug/l #	68
82) 4-Chlorotoluene	13.224	91	189085	19.471	ug/l	99
83) tert-Butylbenzene	13.442	119	207915	20.463	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	246317	20.864	ug/l	95
85) sec-Butylbenzene	13.618	105	297276	20.513	ug/l	97
86) p-Isopropyltoluene	13.730	119	241315	20.791	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	117450	19.594	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	120371	20.077	ug/l	100
89) n-Butylbenzene	14.060	91	197287	20.733	ug/l	95
90) Hexachloroethane	14.342	117	45455	21.015	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	115921	19.389	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	15043	17.642	ug/l	93
93) 1,2,4-Trichlorobenzene	15.395	180	44980	18.473	ug/l	94
94) Hexachlorobutadiene	15.501	225	30992	20.435	ug/l	98
95) Naphthalene	15.642	128	130233	17.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	42775	18.178	ug/l	98

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

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