

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077234.D
 Acq On : 28 Mar 2023 14:05
 Operator : JC\MD
 Sample : VN0328WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 29 01:13:18 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	246365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	438549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	388547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	167867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	177496	46.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.160%		
35) Dibromofluoromethane	8.166	113	123822	41.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.220%		
50) Toluene-d8	10.566	98	487112	43.686	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.380%		
62) 4-Bromofluorobenzene	12.854	95	152280	41.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	51264	19.947	ug/l	93
3) Chloromethane	2.378	50	78068	21.654	ug/l	93
4) Vinyl Chloride	2.531	62	117127	28.762	ug/l	95
5) Bromomethane	2.960	94	103071	31.709	ug/l	93
6) Chloroethane	3.131	64	107646	30.490	ug/l	88
7) Trichlorofluoromethane	3.507	101	105156	16.840	ug/l	97
8) Diethyl Ether	3.972	74	37949	18.464	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.378	101	55608	20.807	ug/l	94
10) Methyl Iodide	4.607	142	58518	19.407	ug/l	91
11) Tert butyl alcohol	5.537	59	52068	99.179	ug/l #	93
12) 1,1-Dichloroethene	4.348	96	49658	19.535	ug/l #	92
13) Acrolein	4.196	56	64484	87.574	ug/l	94
14) Allyl chloride	5.037	41	88507	18.532	ug/l #	87
15) Acrylonitrile	5.731	53	156974	95.911	ug/l	97
16) Acetone	4.443	43	164673	114.973	ug/l	92
17) Carbon Disulfide	4.725	76	134011	18.840	ug/l #	93
18) Methyl Acetate	5.037	43	117068	20.430	ug/l #	77
19) Methyl tert-butyl Ether	5.801	73	183531	20.311	ug/l	98
20) Methylene Chloride	5.295	84	61619	19.320	ug/l #	74
21) trans-1,2-Dichloroethene	5.801	96	52518	18.826	ug/l #	74
22) Diisopropyl ether	6.684	45	213518	20.742	ug/l #	87
23) Vinyl Acetate	6.613	43	708935	106.727	ug/l #	86
24) 1,1-Dichloroethane	6.578	63	112865	19.611	ug/l	96
25) 2-Butanone	7.489	43	231757	103.486	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	87142	21.957	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	64808	20.140	ug/l	85
28) Bromochloromethane	7.819	49	64408	21.947	ug/l #	69
29) Tetrahydrofuran	7.842	42	149808	100.979	ug/l #	72
30) Chloroform	7.966	83	112995	19.934	ug/l	91
31) Cyclohexane	8.260	56	103484	19.339	ug/l	87
32) 1,1,1-Trichloroethane	8.178	97	96811	19.893	ug/l	94
36) 1,1-Dichloropropene	8.372	75	81141	19.592	ug/l	95
37) Ethyl Acetate	7.566	43	95868	20.767	ug/l #	85
38) Carbon Tetrachloride	8.366	117	80998	19.289	ug/l	92
39) Methylcyclohexane	9.601	83	100198	20.714	ug/l #	79
40) Benzene	8.613	78	245012	19.303	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	51378	20.363	ug/l #	79
42) 1,2-Dichloroethane	8.672	62	101540	21.217	ug/l	91
43) Isopropyl Acetate	8.689	43	158980	21.346	ug/l #	86
44) Trichloroethene	9.354	130	57573	19.797	ug/l	93
45) 1,2-Dichloropropane	9.625	63	66613	19.733	ug/l	93
46) Dibromomethane	9.707	93	44606	20.218	ug/l	97
47) Bromodichloromethane	9.889	83	92063	20.981	ug/l	90
48) Methyl methacrylate	9.683	41	74981	20.907	ug/l #	74
49) 1,4-Dioxane	9.701	88	25656	419.620	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	492018	104.997	ug/l #	84
52) Toluene	10.630	92	155900	20.140	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	91073	20.453	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	100133	20.549	ug/l #	76
55) 1,1,2-Trichloroethane	11.019	97	60000	19.745	ug/l #	92
56) Ethyl methacrylate	10.877	69	90238	20.117	ug/l #	53
57) 1,3-Dichloropropane	11.166	76	111305	20.546	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	156492	89.432	ug/l #	88
59) 2-Hexanone	11.201	43	353988	105.112	ug/l	81
60) Dibromochloromethane	11.360	129	64231	20.576	ug/l	94
61) 1,2-Dibromoethane	11.472	107	60501	20.034	ug/l	100
64) Tetrachloroethene	11.107	164	48057	19.939	ug/l	93
65) Chlorobenzene	11.895	112	163212	20.848	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	58523	20.463	ug/l	96
67) Ethyl Benzene	11.966	91	293024	20.575	ug/l	99
68) m/p-Xylenes	12.077	106	224817	41.503	ug/l	99
69) o-Xylene	12.401	106	109637	20.901	ug/l	97
70) Styrene	12.413	104	170140	20.080	ug/l	92
71) Bromoform	12.583	173	41257	19.475	ug/l #	99
73) Isopropylbenzene	12.695	105	274751	20.802	ug/l	97
74) N-amyl acetate	12.495	43	132204	22.971	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.936	83	89915	20.381	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	80900m	23.757	ug/l	
77) Bromobenzene	12.983	156	61645	20.274	ug/l	90
78) n-propylbenzene	13.036	91	316549	20.782	ug/l	96
79) 2-Chlorotoluene	13.130	91	189705	20.253	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	227269	20.663	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	30015	25.404	ug/l #	78
82) 4-Chlorotoluene	13.224	91	175301	19.717	ug/l	96
83) tert-Butylbenzene	13.442	119	195200	20.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	230735	21.347	ug/l	94
85) sec-Butylbenzene	13.618	105	281737	21.234	ug/l	95
86) p-Isopropyltoluene	13.730	119	226556	21.320	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	116080	21.152	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	112516	20.499	ug/l	98
89) n-Butylbenzene	14.060	91	181825	20.871	ug/l	96
90) Hexachloroethane	14.330	117	43236	21.834	ug/l	97
91) 1,2-Dichlorobenzene	14.113	146	112869	20.620	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	14582	18.680	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	41462	18.570	ug/l	98
94) Hexachlorobutadiene	15.501	225	26549	19.120	ug/l	96
95) Naphthalene	15.642	128	125352	18.203	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	42960	19.490	ug/l	96

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

