

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060521\
 Data File : VN067225.D
 Acq On : 5 Jun 2021 13:06
 Operator : JC/MD
 Sample : VN0605WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0605WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:29:48 PM

Quant Time: Jun 07 01:13:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	144006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	243790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	240384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	131508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	87088	44.365	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.740%		
35) Dibromofluoromethane	8.024	113	70525	46.664	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.320%		
50) Toluene-d8	10.446	98	296380	48.151	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.300%		
62) 4-Bromofluorobenzene	12.736	95	102816	43.371	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	25930	15.992	ug/l	98
3) Chloromethane	2.298	50	43786	21.450	ug/l	99
4) Vinyl Chloride	2.445	62	58182	22.486	ug/l	100
5) Bromomethane	2.861	94	48905	24.923	ug/l	96
6) Chloroethane	3.022	64	43668	24.339	ug/l	95
7) Trichlorofluoromethane	3.381	101	40381	16.885	ug/l	98
8) Diethyl Ether	3.835	74	15887	17.192	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.218	101	23817	17.345	ug/l	93
10) Methyl Iodide	4.433	142	28631	16.280	ug/l	96
11) Tert butyl alcohol	5.363	59	26224	81.453	ug/l #	78
12) 1,1-Dichloroethene	4.189	96	23001	16.748	ug/l	93
13) Acrolein	4.049	56	9477	94.999	ug/l	86
14) Allyl chloride	4.846	41	43064	17.149	ug/l #	88
15) Acrylonitrile	5.557	53	59243	83.894	ug/l	98
16) Acetone	4.288	43	53831	79.475	ug/l	99
17) Carbon Disulfide	4.537	76	67126	16.734	ug/l	100
18) Methyl Acetate	4.859	43	34745	18.096	ug/l #	66
19) Methyl tert-butyl Ether	5.616	73	82272	16.872	ug/l	97
20) Methylene Chloride	5.109	84	28537	16.731	ug/l	95
21) trans-1,2-Dichloroethene	5.605	96	27070	16.959	ug/l	97
22) Diisopropyl ether	6.501	45	81426	16.912	ug/l	91
23) Vinyl Acetate	6.436	43	397538	84.918	ug/l	97
24) 1,1-Dichloroethane	6.396	63	49042	16.871	ug/l	96
25) 2-Butanone	7.337	43	93185	85.915	ug/l	94
26) 2,2-Dichloropropane	7.329	77	46860	16.688	ug/l	98
27) cis-1,2-Dichloroethene	7.332	96	32717	17.694	ug/l	98
28) Bromochloromethane	7.662	49	24855	17.314	ug/l	83
29) Tetrahydrofuran	7.691	42	56471	87.555	ug/l	91
30) Chloroform	7.820	83	53550	17.029	ug/l	98
31) Cyclohexane	8.099	56	43577	16.534	ug/l	98
32) 1,1,1-Trichloroethane	8.019	97	48018	16.350	ug/l	96
36) 1,1-Dichloropropene	8.225	75	39047	17.342	ug/l	97
37) Ethyl Acetate	7.415	43	37594	17.321	ug/l	97
38) Carbon Tetrachloride	8.209	117	43190	17.564	ug/l	98
39) Methylcyclohexane	9.464	83	46347	18.170	ug/l	99
40) Benzene	8.464	78	121098	17.333	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	19844	17.661	ug/l #	86
42) 1,2-Dichloroethane	8.534	62	43010	17.929	ug/l	97
43) Isopropyl Acetate	8.563	43	75496	18.293	ug/l	92
44) Trichloroethene	9.217	130	32541	18.510	ug/l	90
45) 1,2-Dichloropropane	9.494	63	32314	18.578	ug/l	95
46) Dibromomethane	9.579	93	22421	18.277	ug/l	88
47) Bromodichloromethane	9.765	83	47037	18.819	ug/l	98
48) Methyl methacrylate	9.561	41	35231	19.700	ug/l #	82
49) 1,4-Dioxane	9.577	88	9845	348.391	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	220358	91.107	ug/l	89
52) Toluene	10.510	92	80838	17.542	ug/l	93
53) t-1,3-Dichloropropene	10.722	75	51855	17.592	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	53804	18.045	ug/l #	86
55) 1,1,2-Trichloroethane	10.902	97	31921	18.249	ug/l	95
56) Ethyl methacrylate	10.765	69	51007	17.868	ug/l #	84
57) 1,3-Dichloropropane	11.049	76	53209	18.457	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.046	63	54100	89.196	ug/l	98
59) 2-Hexanone	11.089	43	155759	88.611	ug/l	90
60) Dibromochloromethane	11.242	129	37157	17.977	ug/l	99
61) 1,2-Dibromoethane	11.350	107	32666	17.751	ug/l	99
64) Tetrachloroethene	10.982	164	32280	19.740	ug/l	97
65) Chlorobenzene	11.776	112	90130	17.589	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	34498	17.705	ug/l	99
67) Ethyl Benzene	11.851	91	166894	17.703	ug/l	99
68) m/p-Xylenes	11.956	106	130376	35.235	ug/l	96
69) o-Xylene	12.283	106	62742	17.350	ug/l	93
70) Styrene	12.299	104	108140	17.511	ug/l	99
71) Bromoform	12.463	173	29777	18.548	ug/l #	99
73) Isopropylbenzene	12.583	105	166355	16.625	ug/l	100
74) N-amyl acetate	12.390	43	65466	16.234	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	45446	15.942	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	40533m	16.027	ug/l	
77) Bromobenzene	12.865	156	39268	17.235	ug/l	92
78) n-propylbenzene	12.924	91	196634	16.865	ug/l	96
79) 2-Chlorotoluene	13.109	91	118812	16.783	ug/l	98
80) 1,3,5-Trimethylbenzene	13.063	105	147170	16.986	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	16250	15.721	ug/l	95
82) 4-Chlorotoluene	13.012	91	111877	16.460	ug/l	100
83) tert-Butylbenzene	13.329	119	131062	17.673	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	148870	17.275	ug/l	98
85) sec-Butylbenzene	13.506	105	178902	17.379	ug/l	99
86) p-Isopropyltoluene	13.621	119	158516	17.397	ug/l	97
87) 1,3-Dichlorobenzene	13.621	146	79390	18.275	ug/l	99
88) 1,4-Dichlorobenzene	13.699	146	79166	18.029	ug/l	95
89) n-Butylbenzene	13.948	91	139529	17.015	ug/l	96
90) Hexachloroethane	14.217	117	25395	16.203	ug/l	91
91) 1,2-Dichlorobenzene	13.994	146	78430	18.325	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	9109	15.450	ug/l	88
93) 1,2,4-Trichlorobenzene	15.268	180	34893	17.739	ug/l	98
94) Hexachlorobutadiene	15.375	225	20995	18.828	ug/l	99
95) Naphthalene	15.509	128	79807	16.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	30731	17.600	ug/l	99

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

