

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066717.D
 Acq On : 22 Apr 2021 16:13
 Operator : JC/MD
 Sample : VN0422WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 1:15:38 PM

Quant Time: Apr 23 06:34:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	279812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	456415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	412219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	193804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	174230	50.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.94%		
35) Dibromofluoromethane	7.510	113	139414	48.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.56%		
50) Toluene-d8	10.026	98	547825	49.15	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.30%		
62) 4-Bromofluorobenzene	12.346	95	184523	48.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.68%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	56280	17.84	ug/l	98
3) Chloromethane	2.034	50	76975	17.08	ug/l	99
4) Vinyl Chloride	2.160	62	73380	18.31	ug/l	99
5) Bromomethane	2.506	94	35790	15.81	ug/l	93
6) Chloroethane	2.653	64	43796	18.62	ug/l	99
7) Trichlorofluoromethane	2.967	101	80256	18.64	ug/l	99
8) Diethyl Ether	3.356	74	34803	19.00	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.691	101	49055	18.15	ug/l	99
10) Methyl Iodide	3.882	142	45589	10.73	ug/l	97
11) Tert butyl alcohol	4.702	59	51294	118.43	ug/l	99
12) 1,1-Dichloroethene	3.670	96	50641	18.56	ug/l	97
13) Acrolein	3.547	56	38995	81.47	ug/l	99
14) Allyl chloride	4.246	41	97330	18.62	ug/l	93
15) Acrylonitrile	4.893	53	152015	102.96	ug/l	98
16) Acetone	3.753	43	115856	90.54	ug/l	98
17) Carbon Disulfide	3.984	76	157353	17.96	ug/l	100
18) Methyl Acetate	4.252	43	70791	19.95	ug/l	97
19) Methyl tert-butyl Ether	4.955	73	176189	19.78	ug/l	96
20) Methylene Chloride	4.469	84	63440	16.67	ug/l	98
21) trans-1,2-Dichloroethene	4.952	96	55546	18.54	ug/l	96
22) Diisopropyl ether	5.861	45	203390	19.19	ug/l	91
23) Vinyl Acetate	5.805	43	842953	98.64	ug/l	96
24) 1,1-Dichloroethane	5.759	63	108260	18.40	ug/l	97
25) 2-Butanone	6.746	43	188515	102.70	ug/l	96
26) 2,2-Dichloropropane	6.733	77	85079	17.60	ug/l	99
27) cis-1,2-Dichloroethene	6.738	96	63692	18.34	ug/l	94
28) Bromochloromethane	7.108	49	53755	19.42	ug/l	88
29) Tetrahydrofuran	7.127	42	131326	103.83	ug/l	94
30) Chloroform	7.293	83	103343	18.74	ug/l	99
31) Cyclohexane	7.575	56	100126	17.97	ug/l	96
32) 1,1,1-Trichloroethane	7.492	97	85555	18.56	ug/l	98
36) 1,1-Dichloropropene	7.717	75	75584	17.81	ug/l	99
37) Ethyl Acetate	6.843	43	83533	18.74	ug/l	98
38) Carbon Tetrachloride	7.698	117	70958	17.57	ug/l	100
39) Methylcyclohexane	9.015	83	89669	17.82	ug/l	93
40) Benzene	7.966	78	247562	18.12	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	34973	17.65	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	80294	18.41	ug/l	99
43) Isopropyl Acetate	8.092	43	135764	19.08	ug/l	99
44) Trichloroethene	8.768	130	60828	18.72	ug/l	98
45) 1,2-Dichloropropane	9.050	63	67840	18.27	ug/l	99
46) Dibromomethane	9.141	93	41246	19.03	ug/l	98
47) Bromodichloromethane	9.337	83	82453	18.10	ug/l	99
48) Methyl methacrylate	9.136	41	59978	19.21	ug/l	93
49) 1,4-Dioxane	9.136	88	19386	513.76	ug/l	91
51) 4-Methyl-2-Pentanone	9.919	43	396733	99.64	ug/l	98
52) Toluene	10.093	92	148474	18.51	ug/l	99
53) t-1,3-Dichloropropene	10.324	75	89152	18.54	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	101309	18.48	ug/l	99
55) 1,1,2-Trichloroethane	10.501	97	59423	18.71	ug/l	97
56) Ethyl methacrylate	10.369	69	81460	18.30	ug/l	95
57) 1,3-Dichloropropane	10.646	76	100422	18.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	130958	162.32	ug/l	95
59) 2-Hexanone	10.694	43	243158	92.59	ug/l	98
60) Dibromochloromethane	10.841	129	62068	18.39	ug/l	99
61) 1,2-Dibromoethane	10.946	107	58498	18.75	ug/l	100
64) Tetrachloroethene	10.571	164	55132	18.95	ug/l	99
65) Chlorobenzene	11.375	112	152637	18.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.450	131	57929	19.04	ug/l	99
67) Ethyl Benzene	11.453	91	267359	18.56	ug/l	99
68) m/p-Xylenes	11.566	106	200490	37.33	ug/l	98
69) o-Xylene	11.890	106	98505	18.62	ug/l	97
70) Styrene	11.909	104	153033	17.44	ug/l	99
71) Bromoform	12.072	173	43977	19.06	ug/l #	99
73) Isopropylbenzene	12.193	105	258632	18.78	ug/l	100
74) N-amyl acetate	12.032	43	23586	7.20	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.448	83	90896	19.55	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	77627m	18.72	ug/l	
77) Bromobenzene	12.469	156	65731	18.44	ug/l	98
78) n-propylbenzene	12.536	91	288585	18.80	ug/l	100
79) 2-Chlorotoluene	12.617	91	181789	18.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	218848	18.70	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.249	75	15100	15.41	ug/l	96
82) 4-Chlorotoluene	12.719	91	177315	18.78	ug/l	97
83) tert-Butylbenzene	12.936	119	184341	17.68	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	207858	18.56	ug/l	99
85) sec-Butylbenzene	13.116	105	241223	18.41	ug/l	100
86) p-Isopropyltoluene	13.234	119	209823	19.25	ug/l	99
87) 1,3-Dichlorobenzene	13.228	146	109070	18.18	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	109491	16.98	ug/l	98
89) n-Butylbenzene	13.561	91	167235	17.22	ug/l	100
90) Hexachloroethane	13.816	117	36540	14.99	ug/l	92
91) 1,2-Dichlorobenzene	13.599	146	111191	18.15	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	14518	17.51	ug/l	92
93) 1,2,4-Trichlorobenzene	14.854	180	65665	19.21	ug/l	98
94) Hexachlorobutadiene	14.948	225	34294	18.13	ug/l	100
95) Naphthalene	15.074	128	179862	21.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	66233	20.12	ug/l	97

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

