

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066716.D
 Acq On : 22 Apr 2021 15:50
 Operator : JC/MD
 Sample : VN0422WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 1:15:33 PM

Quant Time: Apr 23 06:34:19 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	7.591	168	289723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	470009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	429268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	192843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	176273	49.80	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.60%		
35) Dibromofluoromethane	7.513	113	144107	48.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.92%		
50) Toluene-d8	10.029	98	565865	49.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.60%		
62) 4-Bromofluorobenzene	12.346	95	188657	47.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.98%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	58070	17.77	ug/l	97
3) Chloromethane	2.037	50	79587	17.06	ug/l	100
4) Vinyl Chloride	2.163	62	76387	18.41	ug/l	100
5) Bromomethane	2.514	94	32597	13.90	ug/l	93
6) Chloroethane	2.659	64	45473	18.67	ug/l	99
7) Trichlorofluoromethane	2.973	101	82955	18.60	ug/l	100
8) Diethyl Ether	3.356	74	35116	18.51	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.697	101	51093	18.26	ug/l	99
10) Methyl Iodide	3.887	142	43574	9.91	ug/l	97
11) Tert butyl alcohol	4.703	59	45484	101.42	ug/l	100
12) 1,1-Dichloroethene	3.673	96	51340	18.18	ug/l	97
13) Acrolein	3.549	56	35134	70.90	ug/l	95
14) Allyl chloride	4.247	41	99693	18.42	ug/l	92
15) Acrylonitrile	4.896	53	144271	94.37	ug/l	99
16) Acetone	3.756	43	112761	85.11	ug/l	99
17) Carbon Disulfide	3.984	76	163248	18.00	ug/l	98
18) Methyl Acetate	4.252	43	66001	17.96	ug/l	98
19) Methyl tert-butyl Ether	4.952	73	173993	18.86	ug/l	96
20) Methylene Chloride	4.469	84	64174	16.29	ug/l	96
21) trans-1,2-Dichloroethene	4.952	96	57174	18.43	ug/l	95
22) Diisopropyl ether	5.864	45	204590	18.64	ug/l	93
23) Vinyl Acetate	5.805	43	832359	94.07	ug/l	97
24) 1,1-Dichloroethane	5.759	63	111346	18.27	ug/l	99
25) 2-Butanone	6.746	43	182563	96.06	ug/l	93
26) 2,2-Dichloropropane	6.733	77	88600	17.70	ug/l	100
27) cis-1,2-Dichloroethene	6.744	96	65508	18.21	ug/l	94
28) Bromochloromethane	7.111	49	55560	19.38	ug/l	86
29) Tetrahydrofuran	7.130	42	126457	96.56	ug/l	94
30) Chloroform	7.293	83	106228	18.60	ug/l	98
31) Cyclohexane	7.578	56	103228	17.90	ug/l	95
32) 1,1,1-Trichloroethane	7.494	97	87699	18.38	ug/l	99
36) 1,1-Dichloropropene	7.714	75	77788	17.80	ug/l	100
37) Ethyl Acetate	6.843	43	82384	17.94	ug/l	98
38) Carbon Tetrachloride	7.701	117	74816	17.99	ug/l	99
39) Methylcyclohexane	9.015	83	93458	18.04	ug/l	95
40) Benzene	7.967	78	255856	18.19	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.090	41	35852	17.57	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	79833	17.78	ug/l	100
43) Isopropyl Acetate	8.093	43	136119	18.57	ug/l #	90
44) Trichloroethene	8.768	130	62607	18.71	ug/l	100
45) 1,2-Dichloropropane	9.053	63	68876	18.01	ug/l	99
46) Dibromomethane	9.141	93	41187	18.45	ug/l	99
47) Bromodichloromethane	9.337	83	84316	17.97	ug/l	100
48) Methyl methacrylate	9.136	41	59379	18.47	ug/l	92
49) 1,4-Dioxane	9.139	88	17320	445.73	ug/l	91
51) 4-Methyl-2-Pentanone	9.922	43	387893	94.60	ug/l	97
52) Toluene	10.093	92	153313	18.56	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	90535	18.28	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	102944	18.24	ug/l	97
55) 1,1,2-Trichloroethane	10.501	97	58947	18.03	ug/l	95
56) Ethyl methacrylate	10.372	69	80109	17.62	ug/l	97
57) 1,3-Dichloropropane	10.646	76	101474	18.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	139669	167.32	ug/l	96
59) 2-Hexanone	10.694	43	233798	87.56	ug/l	98
60) Dibromochloromethane	10.842	129	63847	18.37	ug/l	100
61) 1,2-Dibromoethane	10.946	107	59161	18.41	ug/l	99
64) Tetrachloroethene	10.571	164	57129	18.85	ug/l	99
65) Chlorobenzene	11.375	112	159333	18.25	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	58911	18.59	ug/l	99
67) Ethyl Benzene	11.453	91	277417	18.49	ug/l	99
68) m/p-Xylenes	11.563	106	207881	37.17	ug/l	99
69) o-Xylene	11.890	106	103247	18.74	ug/l	98
70) Styrene	11.909	104	158193	17.34	ug/l	99
71) Bromoform	12.073	173	44003	18.31	ug/l #	100
73) Isopropylbenzene	12.193	105	266757	19.46	ug/l	100
74) N-amyl acetate	12.035	43	29616	9.08	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.448	83	85048	18.39	ug/l	97
76) 1,2,3-Trichloropropane	12.499	75	78746m	19.08	ug/l	
77) Bromobenzene	12.470	156	67760	19.11	ug/l	99
78) n-propylbenzene	12.534	91	297931	19.50	ug/l	100
79) 2-Chlorotoluene	12.617	91	184262	18.60	ug/l	100
80) 1,3,5-Trimethylbenzene	12.679	105	223181	19.16	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.250	75	15384	15.65	ug/l	92
82) 4-Chlorotoluene	12.719	91	179276	19.08	ug/l	98
83) tert-Butylbenzene	12.936	119	187055	18.03	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	211949	19.02	ug/l	97
85) sec-Butylbenzene	13.116	105	247624	18.99	ug/l	99
86) p-Isopropyltoluene	13.231	119	215888	19.90	ug/l	99
87) 1,3-Dichlorobenzene	13.229	146	112395	18.83	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	110698	17.25	ug/l	97
89) n-Butylbenzene	13.561	91	173894	18.00	ug/l	99
90) Hexachloroethane	13.816	117	38208	15.75	ug/l	90
91) 1,2-Dichlorobenzene	13.599	146	112896	18.52	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	14128	17.13	ug/l	89
93) 1,2,4-Trichlorobenzene	14.854	180	66083	19.41	ug/l	96
94) Hexachlorobutadiene	14.950	225	36341	19.31	ug/l	100
95) Naphthalene	15.074	128	169041	20.17	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	62908	19.26	ug/l	97

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

