

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066831.D
 Acq On : 28 Apr 2021 23:28
 Operator : JC/MD
 Sample : VN0428WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:52:20 PM

Quant Time: Apr 29 04:33:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	284702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	449496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	415941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	188181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	160156	43.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.56%		
35) Dibromofluoromethane	7.513	113	141484	50.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.98%		
50) Toluene-d8	10.029	98	541650	49.73	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.46%		
62) 4-Bromofluorobenzene	12.346	95	179883	48.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.64%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	54029	17.52	ug/l	98
3) Chloromethane	2.034	50	75800	18.72	ug/l	99
4) Vinyl Chloride	2.163	62	76051	19.23	ug/l	99
5) Bromomethane	2.514	94	47688	18.48	ug/l	96
6) Chloroethane	2.656	64	46252	18.78	ug/l	99
7) Trichlorofluoromethane	2.973	101	87271	18.35	ug/l	100
8) Diethyl Ether	3.356	74	35614	18.45	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.694	101	51012	18.13	ug/l	96
10) Methyl Iodide	3.887	142	79820	18.58	ug/l	97
11) Tert butyl alcohol	4.713	59	50975	90.37	ug/l	98
12) 1,1-Dichloroethene	3.673	96	52441	18.40	ug/l	98
13) Acrolein	3.547	56	39969	84.83	ug/l	98
14) Allyl chloride	4.249	41	88097	16.46	ug/l	92
15) Acrylonitrile	4.898	53	143398	95.87	ug/l	99
16) Acetone	3.756	43	107983	78.25	ug/l	96
17) Carbon Disulfide	3.984	76	155849	17.83	ug/l	97
18) Methyl Acetate	4.252	43	65866	18.41	ug/l	98
19) Methyl tert-butyl Ether	4.960	73	171439	17.57	ug/l	98
20) Methylene Chloride	4.469	84	65314	18.68	ug/l	99
21) trans-1,2-Dichloroethene	4.952	96	58296	19.02	ug/l	96
22) Diisopropyl ether	5.866	45	185106	17.34	ug/l	95
23) Vinyl Acetate	5.807	43	739852	83.27	ug/l	99
24) 1,1-Dichloroethane	5.759	63	107274	18.14	ug/l	98
25) 2-Butanone	6.749	43	170322	87.79	ug/l	97
26) 2,2-Dichloropropane	6.741	77	69228	13.79	ug/l	99
27) cis-1,2-Dichloroethene	6.743	96	66017	18.62	ug/l	98
28) Bromochloromethane	7.114	49	45790	16.87	ug/l	100
29) Tetrahydrofuran	7.132	42	118640	89.50	ug/l	99
30) Chloroform	7.293	83	104694	18.23	ug/l	99
31) Cyclohexane	7.580	56	92942	16.43	ug/l	97
32) 1,1,1-Trichloroethane	7.492	97	88576	18.05	ug/l	99
36) 1,1-Dichloropropene	7.717	75	75058	17.97	ug/l	99
37) Ethyl Acetate	6.848	43	78485	17.69	ug/l	100
38) Carbon Tetrachloride	7.698	117	75366	18.82	ug/l	99
39) Methylcyclohexane	9.018	83	86657	17.54	ug/l	98
40) Benzene	7.969	78	250559	19.33	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.089	41	30890	15.31	ug/l #	100
42) 1,2-Dichloroethane	8.055	62	76414	17.45	ug/l	98
43) Isopropyl Acetate	8.095	43	119697	16.98	ug/l #	92
44) Trichloroethene	8.771	130	63297	20.07	ug/l	97
45) 1,2-Dichloropropane	9.053	63	66526	19.22	ug/l	99
46) Dibromomethane	9.144	93	42554	20.13	ug/l	97
47) Bromodichloromethane	9.340	83	84118	18.99	ug/l	100
48) Methyl methacrylate	9.138	41	53206	17.31	ug/l	96
49) 1,4-Dioxane	9.138	88	20636	448.57	ug/l	95
51) 4-Methyl-2-Pentanone	9.922	43	355032	92.68	ug/l	98
52) Toluene	10.096	92	154366	19.79	ug/l	97
53) t-1,3-Dichloropropene	10.324	75	84681	17.86	ug/l	99
54) cis-1,3-Dichloropropene	9.779	75	97469	18.35	ug/l	96
55) 1,1,2-Trichloroethane	10.504	97	62431	20.84	ug/l	98
56) Ethyl methacrylate	10.372	69	77777	17.87	ug/l #	93
57) 1,3-Dichloropropane	10.648	76	100605	19.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	77283	93.38	ug/l	98
59) 2-Hexanone	10.694	43	218692	86.41	ug/l	96
60) Dibromochloromethane	10.844	129	68348	20.95	ug/l	100
61) 1,2-Dibromoethane	10.946	107	61638	20.51	ug/l	99
64) Tetrachloroethene	10.573	164	55461	20.17	ug/l	98
65) Chlorobenzene	11.375	112	163554	19.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.450	131	62408	20.00	ug/l	99
67) Ethyl Benzene	11.456	91	271981	18.54	ug/l	99
68) m/p-Xylenes	11.566	106	208869	38.81	ug/l	98
69) o-Xylene	11.893	106	100770	18.75	ug/l	99
70) Styrene	11.912	104	157924	18.27	ug/l	100
71) Bromoform	12.075	173	47167	20.88	ug/l #	96
73) Isopropylbenzene	12.196	105	261377	18.95	ug/l	99
74) N-amyl acetate	12.043	43	8188	2.51	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.451	83	93687	20.64	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	59410m	14.98	ug/l	
77) Bromobenzene	12.469	156	70790	20.80	ug/l	97
78) n-propylbenzene	12.537	91	291295	19.15	ug/l	100
79) 2-Chlorotoluene	12.620	91	187238	19.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	224147	19.25	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.252	75	17866	17.95	ug/l	92
82) 4-Chlorotoluene	12.719	91	177305	18.99	ug/l	99
83) tert-Butylbenzene	12.939	119	189611	19.01	ug/l	97
84) 1,2,4-Trimethylbenzene	12.987	105	210203	19.17	ug/l	97
85) sec-Butylbenzene	13.116	105	244435	18.89	ug/l	99
86) p-Isopropyltoluene	13.234	119	208586	18.78	ug/l	99
87) 1,3-Dichlorobenzene	13.228	146	115058	19.89	ug/l	98
88) 1,4-Dichlorobenzene	13.309	146	114131	18.56	ug/l	96
89) n-Butylbenzene	13.564	91	155019	16.38	ug/l	100
90) Hexachloroethane	13.816	117	46025	19.80	ug/l	90
91) 1,2-Dichlorobenzene	13.601	146	117793	20.08	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.221	75	14913	18.33	ug/l	95
93) 1,2,4-Trichlorobenzene	14.856	180	66470	20.46	ug/l	98
94) Hexachlorobutadiene	14.950	225	37113	20.60	ug/l	98
95) Naphthalene	15.076	128	175592	21.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.253	180	66835	21.28	ug/l	97

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

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