

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062321\
 Data File : VN067453.D
 Acq On : 23 Jun 2021 13:28
 Operator : JC/MD
 Sample : VN0623WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBS01

Manual Integrations
 APPROVED

SAM
 7/1/2021 8:18:24 AM

Quant Time: Jun 24 05:02:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	269175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	561777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	502058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	191244	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	273621	51.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.06%
35) Dibromofluoromethane	8.021	113	186376	49.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.76%
50) Toluene-d8	10.443	98	766763	53.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.08%
62) 4-Bromofluorobenzene	12.734	95	268413	45.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.84%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.070	85	81758	19.41	ug/l 99
3) Chloromethane	2.301	50	90427	22.13	ug/l 100
4) Vinyl Chloride	2.446	62	81528	20.35	ug/l 98
5) Bromomethane	2.845	94	45124	26.55	ug/l 90
6) Chloroethane	3.017	64	50879	20.67	ug/l 99
7) Trichlorofluoromethane	3.371	101	125411	22.55	ug/l 99
8) Diethyl Ether	3.821	74	46214	20.43	ug/l 89
9) 1,1,2-Trichlorotrifluo...	4.200	101	71791	21.46	ug/l 95
10) Methyl Iodide	4.417	142	70865	24.60	ug/l 94
11) Tert butyl alcohol	5.385	59	76683	87.72	ug/l 99
12) 1,1-Dichloroethene	4.175	96	68533	21.23	ug/l 99
13) Acrolein	4.039	56	59171	108.44	ug/l 99
14) Allyl chloride	4.835	41	143927	20.09	ug/l # 90
15) Acrylonitrile	5.557	53	214627	111.86	ug/l 98
16) Acetone	4.288	43	223058	109.46	ug/l 91
17) Carbon Disulfide	4.524	76	206876	19.84	ug/l 97
18) Methyl Acetate	4.857	43	104076	21.06	ug/l 97
19) Methyl tert-butyl Ether	5.616	73	277663	21.43	ug/l 97
20) Methylene Chloride	5.090	84	90005	21.23	ug/l 94
21) trans-1,2-Dichloroethene	5.594	96	74944	20.95	ug/l 96
22) Diisopropyl ether	6.498	45	298803	22.60	ug/l 96
23) Vinyl Acetate	6.434	43	1256357	103.70	ug/l 100
24) 1,1-Dichloroethane	6.385	63	164387	22.16	ug/l 98
25) 2-Butanone	7.340	43	313390	107.63	ug/l 100
26) 2,2-Dichloropropane	7.327	77	140428	18.68	ug/l 98
27) cis-1,2-Dichloroethene	7.324	96	89207	21.19	ug/l 99
28) Bromochloromethane	7.659	49	79670	23.08	ug/l 91
29) Tetrahydrofuran	7.692	42	188268	102.55	ug/l 97
30) Chloroform	7.818	83	157204	20.19	ug/l 100
31) Cyclohexane	8.094	56	156054	21.62	ug/l 99
32) 1,1,1-Trichloroethane	8.013	97	127876	17.88	ug/l 96
36) 1,1-Dichloropropene	8.220	75	121793	19.34	ug/l 99
37) Ethyl Acetate	7.418	43	121730	18.24	ug/l 99
38) Carbon Tetrachloride	8.206	117	102880	15.20	ug/l 99
39) Methylcyclohexane	9.459	83	144702	21.71	ug/l 95
40) Benzene	8.461	78	360380	20.50	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	64154	18.50	ug/l	96
42) 1,2-Dichloroethane	8.531	62	126620	17.05	ug/l	97
43) Isopropyl Acetate	8.563	43	218783	18.27	ug/l	99
44) Trichloroethene	9.218	130	72789	17.71	ug/l	100
45) 1,2-Dichloropropane	9.491	63	97883	20.88	ug/l	98
46) Dibromomethane	9.577	93	59630	18.69	ug/l	95
47) Bromodichloromethane	9.762	83	122493	17.12	ug/l	99
48) Methyl methacrylate	9.561	41	99619	18.24	ug/l	96
49) 1,4-Dioxane	9.572	88	26531	354.98	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	641422	93.02	ug/l	97
52) Toluene	10.508	92	211549	19.14	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	139013	17.55	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	150179	18.75	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	81742	19.13	ug/l	98
56) Ethyl methacrylate	10.762	69	146066	19.01	ug/l	93
57) 1,3-Dichloropropane	11.044	76	152484	19.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	160923	71.97	ug/l	93
59) 2-Hexanone	11.087	43	457129	90.49	ug/l	94
60) Dibromochloromethane	11.240	129	73713	15.77	ug/l	97
61) 1,2-Dibromoethane	11.347	107	80140	17.91	ug/l	98
64) Tetrachloroethene	10.980	164	66807	18.74	ug/l	95
65) Chlorobenzene	11.773	112	207408	18.98	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	70849	17.41	ug/l	98
67) Ethyl Benzene	11.846	91	418245	19.36	ug/l	99
68) m/p-Xylenes	11.956	106	294219	38.31	ug/l	95
69) o-Xylene	12.283	106	146671	19.52	ug/l	95
70) Styrene	12.296	104	231652	18.55	ug/l	97
71) Bromoform	12.460	173	44438	14.29	ug/l #	96
73) Isopropylbenzene	12.581	105	378257	20.61	ug/l	99
74) N-amyl acetate	12.390	43	175214	19.56	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	117876	21.55	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	101264m	20.39	ug/l	
77) Bromobenzene	12.862	156	70856	18.96	ug/l	93
78) n-propylbenzene	12.921	91	466386	21.37	ug/l	97
79) 2-Chlorotoluene	13.010	91	276204	20.32	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	304797	19.72	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	37326	18.63	ug/l	90
82) 4-Chlorotoluene	13.106	91	271128	20.04	ug/l	98
83) tert-Butylbenzene	13.326	119	241465	19.62	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	300434	19.67	ug/l	99
85) sec-Butylbenzene	13.503	105	369049	21.18	ug/l	97
86) p-Isopropyltoluene	13.616	119	277637	19.74	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	126515	18.77	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	125695	18.54	ug/l	97
89) n-Butylbenzene	13.943	91	276049	20.89	ug/l	99
90) Hexachloroethane	14.211	117	49897	18.14	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	124583	19.48	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	21452	15.69	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	57216	17.13	ug/l	98
94) Hexachlorobutadiene	15.373	225	29252	15.25	ug/l	98
95) Naphthalene	15.509	128	176514	17.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	54945	17.14	ug/l	97

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

