Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
Data File : VN065419.D
Acq On : 7 Jan 2021 11:57
Operator : JC/MD
Sample : VN0107WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0107WBSD01

Manual Integrations APPROVED
MMDadoda
1/8/2021 11:02:46 AM

Quant Time: Jan 08 01:15:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	302846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	448097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	418336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	197408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	163876	47.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.86%			
35) Dibromofluoromethane	7.553	113	140888	52.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.22%			
50) Toluene-d8	10.058	98	526045	51.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.84%			
62) 4-Bromofluorobenzene	12.376	95	187861	47.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	46890	16.73	ug/l	98
3) Chloromethane	2.055	50	58529	18.35	ug/l	96
4) Vinyl Chloride	2.180	62	61447	18.52	ug/l	97
5) Bromomethane	2.541	94	47284	20.05	ug/l	98
6) Chloroethane	2.685	64	41071	19.15	ug/l	100
7) Trichlorofluoromethane	3.000	101	85557	17.23	ug/l	99
8) Diethyl Ether	3.386	74	36685	18.77	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.724	101	51014	18.32	ug/l	97
10) Methyl Iodide	3.914	142	76719	18.24	ug/l	93
11) Tert butyl alcohol	4.775	59	46195	82.58	ug/l	100
12) 1,1-Dichloroethene	3.705	96	52028	17.49	ug/l	96
13) Acrolein	3.579	56	36006	96.66	ug/l	98
14) Allyl chloride	4.280	41	79099	16.13	ug/l	98
15) Acrylonitrile	4.949	53	130360	96.43	ug/l	100
16) Acetone	3.788	43	114659	72.27	ug/l	94
17) Carbon Disulfide	4.010	76	118076	15.51	ug/l	100
18) Methyl Acetate	4.293	43	61434	20.01	ug/l	98
19) Methyl tert-butyl Ether	5.010	73	167328	17.71	ug/l	100
20) Methylene Chloride	4.505	84	59216	17.75	ug/l	98
21) trans-1,2-Dichloroethene	4.997	96	53213	18.22	ug/l	99
22) Diisopropyl ether	5.913	45	177057	18.14	ug/l	95
23) Vinyl Acetate	5.856	43	703504	85.52	ug/l	100
24) 1,1-Dichloroethane	5.804	63	100115	18.70	ug/l	99
25) 2-Butanone	6.801	43	167797	87.42	ug/l	98
26) 2,2-Dichloropropane	6.782	77	81272	15.89	ug/l	100
27) cis-1,2-Dichloroethene	6.785	96	64754	19.05	ug/l	97
28) Bromochloromethane	7.151	49	40652	17.12	ug/l	95
29) Tetrahydrofuran	7.180	42	109656	88.35	ug/l	99
30) Chloroform	7.335	83	101630	18.44	ug/l	99
31) Cyclohexane	7.611	56	81868	16.22	ug/l	96
32) 1,1,1-Trichloroethane	7.528	97	85699	17.16	ug/l	99
36) 1,1-Dichloropropene	7.753	75	73386	18.01	ug/l	98
37) Ethyl Acetate	6.894	43	72182	17.87	ug/l	99
38) Carbon Tetrachloride	7.737	117	71323	16.67	ug/l	99
39) Methylcyclohexane	9.045	83	84072	17.17	ug/l	99
40) Benzene	8.003	78	231294	19.08	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.132	41	35392	16.84	ug/l		89
42) 1,2-Dichloroethane	8.087	62	80909	18.06	ug/l		100
43) Isopropyl Acetate	8.132	43	119418	17.16	ug/l		99
44) Trichloroethene	8.801	130	68510	19.58	ug/l		95
45) 1,2-Dichloropropane	9.084	63	62086	19.70	ug/l		99
46) Dibromomethane	9.174	93	41505	19.39	ug/l		92
47) Bromodichloromethane	9.370	83	79877	17.70	ug/l		100
48) Methyl methacrylate	9.167	41	57545	17.03	ug/l		98
49) 1,4-Dioxane	9.171	88	20960	382.76	ug/l		96
51) 4-Methyl-2-Pentanone	9.955	43	355879	90.94	ug/l		100
52) Toluene	10.122	92	146281	19.15	ug/l		99
53) t-1,3-Dichloropropene	10.354	75	87527	17.21	ug/l		98
54) cis-1,3-Dichloropropene	9.807	75	95969	17.76	ug/l		100
55) 1,1,2-Trichloroethane	10.531	97	61006	20.18	ug/l		95
56) Ethyl methacrylate	10.399	69	85875	18.34	ug/l		99
57) 1,3-Dichloropropane	10.679	76	99679	19.99	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.662	63	178744	87.77	ug/l		99
59) 2-Hexanone	10.724	43	251309	87.35	ug/l		100
60) Dibromochloromethane	10.871	129	64302	17.85	ug/l		99
61) 1,2-Dibromoethane	10.978	107	62693	19.32	ug/l		98
64) Tetrachloroethene	10.601	164	76604	18.86	ug/l		95
65) Chlorobenzene	11.405	112	166569	19.56	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.479	131	61909	18.68	ug/l		99
67) Ethyl Benzene	11.482	91	279762	18.23	ug/l		99
68) m/p-Xylenes	11.592	106	214399	37.09	ug/l		99
69) o-Xylene	11.920	106	104270	18.58	ug/l		99
70) Styrene	11.936	104	175902	18.79	ug/l		99
71) Bromoform	12.100	173	48740	17.09	ug/l	#	100
73) Isopropylbenzene	12.222	105	274408	18.25	ug/l		99
74) N-amyl acetate	12.045	43	98350	16.43	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.476	83	81331	20.06	ug/l		97
76) 1,2,3-Trichloropropane	12.527	75	80205m	19.91	ug/l		
77) Bromobenzene	12.498	156	77249	19.66	ug/l		90
78) n-propylbenzene	12.566	91	303160	17.86	ug/l		98
79) 2-Chlorotoluene	12.646	91	182245	18.23	ug/l		96
80) 1,3,5-Trimethylbenzene	12.707	105	231331	18.04	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.273	75	25824	16.17	ug/l		89
82) 4-Chlorotoluene	12.746	91	187062	18.17	ug/l		97
83) tert-Butylbenzene	12.968	119	198628	18.18	ug/l		98
84) 1,2,4-Trimethylbenzene	13.013	105	232154	18.60	ug/l		100
85) sec-Butylbenzene	13.145	105	258369	17.83	ug/l		99
86) p-Isopropyltoluene	13.264	119	236604	17.81	ug/l		99
87) 1,3-Dichlorobenzene	13.257	146	125781	19.14	ug/l		97
88) 1,4-Dichlorobenzene	13.338	146	125491	19.02	ug/l		97
89) n-Butylbenzene	13.588	91	193090	17.00	ug/l		99
90) Hexachloroethane	13.846	117	37684	16.50	ug/l		81
91) 1,2-Dichlorobenzene	13.627	146	126633	20.07	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	14091	16.87	ug/l		89
93) 1,2,4-Trichlorobenzene	14.881	180	61313	17.63	ug/l		99
94) Hexachlorobutadiene	14.981	225	43045	17.28	ug/l		99
95) Naphthalene	15.103	128	151536	17.19	ug/l		99
96) 1,2,3-Trichlorobenzene	15.283	180	60214	18.76	ug/l		98

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

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