Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
Data File : VN066737.D
Acq On : 23 Apr 2021 14:57
Operator : JC/MD
Sample : VN0423WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBS02

Manual Integrations APPROVED
MMDadoda
4/26/2021 4:54:35 PM

Quant Time: Apr 23 16:49:33 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	7.594	168	271636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	432744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	393962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	189558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	167503	50.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.94%			
35) Dibromofluoromethane	7.513	113	137361	50.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.38%			
50) Toluene-d8	10.029	98	542754	51.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.72%			
62) 4-Bromofluorobenzene	12.346	95	184139	50.88	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.838	85	55245	18.03	ug/l	97
3) Chloromethane	2.037	50	77608	17.74	ug/l	100
4) Vinyl Chloride	2.163	62	72833	18.72	ug/l	99
5) Bromomethane	2.538	94	45051	20.49	ug/l	99
6) Chloroethane	2.670	64	43244	18.93	ug/l	99
7) Trichlorofluoromethane	2.978	101	80587	19.28	ug/l	99
8) Diethyl Ether	3.362	74	33247	18.70	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.700	101	49128	18.72	ug/l	99
10) Methyl Iodide	3.890	142	68660	16.65	ug/l	99
11) Tert butyl alcohol	4.700	59	42817	101.83	ug/l	99
12) 1,1-Dichloroethene	3.681	96	49474	18.68	ug/l	95
13) Acrolein	3.552	56	33012	71.05	ug/l	99
14) Allyl chloride	4.252	41	84244	16.61	ug/l	99
15) Acrylonitrile	4.898	53	139634	97.42	ug/l	99
16) Acetone	3.756	43	109128	87.85	ug/l	99
17) Carbon Disulfide	3.989	76	152190	17.90	ug/l	98
18) Methyl Acetate	4.257	43	65150	18.91	ug/l	95
19) Methyl tert-butyl Ether	4.957	73	164922	19.07	ug/l	98
20) Methylene Chloride	4.475	84	62973	17.05	ug/l	98
21) trans-1,2-Dichloroethene	4.957	96	54475	18.73	ug/l	92
22) Diisopropyl ether	5.867	45	191323	18.60	ug/l	91
23) Vinyl Acetate	5.810	43	773917	93.29	ug/l	97
24) 1,1-Dichloroethane	5.762	63	106141	18.58	ug/l	98
25) 2-Butanone	6.749	43	171698	96.35	ug/l	93
26) 2,2-Dichloropropane	6.741	77	85951	18.32	ug/l	99
27) cis-1,2-Dichloroethene	6.744	96	62755	18.61	ug/l	95
28) Bromochloromethane	7.114	49	53382	19.86	ug/l	89
29) Tetrahydrofuran	7.130	42	122324	99.63	ug/l	94
30) Chloroform	7.293	83	100670	18.80	ug/l	98
31) Cyclohexane	7.578	56	94541	17.48	ug/l	96
32) 1,1,1-Trichloroethane	7.492	97	84641	18.92	ug/l	98
36) 1,1-Dichloropropene	7.720	75	73679	18.31	ug/l	99
37) Ethyl Acetate	6.848	43	78285	18.52	ug/l	98
38) Carbon Tetrachloride	7.698	117	71075	18.56	ug/l	98
39) Methylcyclohexane	9.015	83	86706	18.18	ug/l	94
40) Benzene	7.969	78	243848	18.83	ug/l	99

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41) Methacrylonitrile	7.108	41	42291m	22.51	ug/l		
42) 1,2-Dichloroethane	8.052	62	75831	18.34	ug/l		100
43) Isopropyl Acetate	8.093	43	128160	18.99	ug/l	#	88
44) Trichloroethene	8.768	130	58797	19.09	ug/l		99
45) 1,2-Dichloropropane	9.053	63	65752	18.68	ug/l		99
46) Dibromomethane	9.144	93	39048	19.00	ug/l		99
47) Bromodichloromethane	9.340	83	80724	18.69	ug/l		100
48) Methyl methacrylate	9.136	41	55408	18.72	ug/l		92
49) 1,4-Dioxane	9.139	88	14972	418.49	ug/l		91
51) 4-Methyl-2-Pentanone	9.922	43	363969	96.41	ug/l		97
52) Toluene	10.093	92	144287	18.97	ug/l		100
53) t-1,3-Dichloropropene	10.324	75	85408	18.73	ug/l		99
54) cis-1,3-Dichloropropene	9.777	75	98548	18.96	ug/l		99
55) 1,1,2-Trichloroethane	10.501	97	57209	19.00	ug/l		94
56) Ethyl methacrylate	10.372	69	73750	17.62	ug/l		94
57) 1,3-Dichloropropane	10.649	76	95829	18.92	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.635	63	80881	113.46	ug/l		95
59) 2-Hexanone	10.694	43	215592	87.66	ug/l		99
60) Dibromochloromethane	10.842	129	61109	19.09	ug/l		100
61) 1,2-Dibromoethane	10.946	107	56623	19.14	ug/l		99
64) Tetrachloroethene	10.571	164	53359	19.19	ug/l		99
65) Chlorobenzene	11.375	112	152068	18.98	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.450	131	55879	19.21	ug/l		98
67) Ethyl Benzene	11.453	91	259655	18.86	ug/l		99
68) m/p-Xylenes	11.563	106	200139	38.99	ug/l		100
69) o-Xylene	11.890	106	97415	19.27	ug/l		98
70) Styrene	11.909	104	150087	17.82	ug/l		99
71) Bromoform	12.073	173	42601	19.32	ug/l	#	98
73) Isopropylbenzene	12.193	105	253256	18.80	ug/l		99
74) N-amyl acetate	12.035	43	14534	4.54	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.448	83	85731	18.86	ug/l		99
76) 1,2,3-Trichloropropane	12.499	75	75714m	18.67	ug/l		
77) Bromobenzene	12.470	156	65881	18.90	ug/l		99
78) n-propylbenzene	12.537	91	288575	19.22	ug/l		100
79) 2-Chlorotoluene	12.617	91	180882	18.57	ug/l		98
80) 1,3,5-Trimethylbenzene	12.676	105	215050	18.78	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.252	75	18691	18.05	ug/l		96
82) 4-Chlorotoluene	12.719	91	180037	19.49	ug/l		97
83) tert-Butylbenzene	12.936	119	183355	17.98	ug/l		97
84) 1,2,4-Trimethylbenzene	12.985	105	202722	18.51	ug/l		97
85) sec-Butylbenzene	13.116	105	240354	18.75	ug/l		100
86) p-Isopropyltoluene	13.234	119	207170	19.43	ug/l		100
87) 1,3-Dichlorobenzene	13.226	146	111755	19.04	ug/l		99
88) 1,4-Dichlorobenzene	13.306	146	117984	18.71	ug/l		96
89) n-Butylbenzene	13.561	91	161658	17.02	ug/l		100
90) Hexachloroethane	13.816	117	41472	17.39	ug/l		90
91) 1,2-Dichlorobenzene	13.599	146	112791	18.82	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.221	75	12574	15.51	ug/l		97
93) 1,2,4-Trichlorobenzene	14.854	180	63987	19.15	ug/l		97
94) Hexachlorobutadiene	14.948	225	34895	18.86	ug/l		99
95) Naphthalene	15.074	128	163246	19.85	ug/l		99
96) 1,2,3-Trichlorobenzene	15.251	180	63496	19.74	ug/l		97

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

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