Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
Data File : VN066857.D
Acq On : 29 Apr 2021 13:30
Operator : JC/MD
Sample : VN0429WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBSD01

Manual Integrations APPROVED
MMDadoda
4/30/2021 11:20:56 AM

Quant Time: Apr 30 06:14:20 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	7.588	168	281955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	419733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	389670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	188169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	151566	41.84	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 83.68%			
35) Dibromofluoromethane	7.511	113	135478	52.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.58%			
50) Toluene-d8	10.026	98	508438	49.99	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.98%			
62) 4-Bromofluorobenzene	12.346	95	170399	49.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	52650	17.24	ug/l	97
3) Chloromethane	2.037	50	70464	17.57	ug/l	98
4) Vinyl Chloride	2.163	62	70414	17.98	ug/l	100
5) Bromomethane	2.514	94	45499	17.80	ug/l	100
6) Chloroethane	2.659	64	42584	17.46	ug/l	98
7) Trichlorofluoromethane	2.970	101	83367	17.70	ug/l	100
8) Diethyl Ether	3.354	74	33828	17.70	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.694	101	50827	18.24	ug/l	96
10) Methyl Iodide	3.885	142	74325	17.47	ug/l	98
11) Tert butyl alcohol	4.700	59	44124	78.99	ug/l	98
12) 1,1-Dichloroethene	3.675	96	48015	17.01	ug/l	94
13) Acrolein	3.547	56	43457	93.14	ug/l	97
14) Allyl chloride	4.247	41	81444	15.36	ug/l	92
15) Acrylonitrile	4.893	53	133068	89.83	ug/l	98
16) Acetone	3.751	43	97155	71.09	ug/l	97
17) Carbon Disulfide	3.984	76	146148	16.88	ug/l	98
18) Methyl Acetate	4.249	43	61400	17.40	ug/l	99
19) Methyl tert-butyl Ether	4.949	73	160686	16.63	ug/l	97
20) Methylene Chloride	4.467	84	62778	18.13	ug/l	98
21) trans-1,2-Dichloroethene	4.952	96	54201	17.86	ug/l	98
22) Diisopropyl ether	5.861	45	172931	16.36	ug/l	94
23) Vinyl Acetate	5.802	43	687838	78.17	ug/l	99
24) 1,1-Dichloroethane	5.754	63	101329	17.30	ug/l	99
25) 2-Butanone	6.746	43	153270	79.77	ug/l	98
26) 2,2-Dichloropropane	6.730	77	81356	16.36	ug/l	97
27) cis-1,2-Dichloroethene	6.738	96	63277	18.02	ug/l	98
28) Bromochloromethane	7.106	49	44276	16.47	ug/l	99
29) Tetrahydrofuran	7.124	42	106199	80.89	ug/l	99
30) Chloroform	7.288	83	100665	17.70	ug/l	98
31) Cyclohexane	7.578	56	85221	15.21	ug/l #	96
32) 1,1,1-Trichloroethane	7.489	97	82816	17.04	ug/l	99
36) 1,1-Dichloropropene	7.714	75	71167	18.25	ug/l	100
37) Ethyl Acetate	6.843	43	69119	16.69	ug/l	98
38) Carbon Tetrachloride	7.696	117	72882	19.49	ug/l	98
39) Methylcyclohexane	9.015	83	84457	18.30	ug/l	95
40) Benzene	7.967	78	235239	19.43	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.087	41	29409	15.61	ug/l	#	100
42) 1,2-Dichloroethane	8.050	62	75195	18.39	ug/l		98
43) Isopropyl Acetate	8.093	43	110611	16.80	ug/l	#	91
44) Trichloroethene	8.768	130	59446	20.18	ug/l		96
45) 1,2-Dichloropropane	9.053	63	63899	19.77	ug/l		99
46) Dibromomethane	9.141	93	39368	19.94	ug/l		95
47) Bromodichloromethane	9.337	83	81177	19.63	ug/l		99
48) Methyl methacrylate	9.136	41	47248	16.46	ug/l		92
49) 1,4-Dioxane	9.133	88	18702	435.36	ug/l		96
51) 4-Methyl-2-Pentanone	9.922	43	319597	89.34	ug/l		98
52) Toluene	10.093	92	145208	19.94	ug/l		99
53) t-1,3-Dichloropropene	10.321	75	84176	19.02	ug/l		96
54) cis-1,3-Dichloropropene	9.774	75	94199	19.00	ug/l		95
55) 1,1,2-Trichloroethane	10.501	97	60069	21.47	ug/l		99
56) Ethyl methacrylate	10.372	69	71713	17.69	ug/l	#	93
57) 1,3-Dichloropropane	10.646	76	96362	20.13	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.632	63	72661	93.95	ug/l		99
59) 2-Hexanone	10.694	43	187292	80.87	ug/l		95
60) Dibromochloromethane	10.842	129	64772	21.26	ug/l		99
61) 1,2-Dibromoethane	10.946	107	58385	20.80	ug/l		100
64) Tetrachloroethene	10.571	164	55779	21.65	ug/l		98
65) Chlorobenzene	11.375	112	155937	19.90	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.450	131	58917	20.15	ug/l		98
67) Ethyl Benzene	11.453	91	253135	18.42	ug/l		98
68) m/p-Xylenes	11.566	106	197898	39.25	ug/l		100
69) o-Xylene	11.893	106	96986	19.26	ug/l		95
70) Styrene	11.909	104	149041	18.38	ug/l		99
71) Bromoform	12.073	173	45552	21.52	ug/l	#	99
73) Isopropylbenzene	12.193	105	248959	18.05	ug/l		100
74) N-amyl acetate	12.043	43	9695	2.98	ug/l	#	94
75) 1,1,2,2-Tetrachloroethane	12.448	83	87673	19.32	ug/l		99
76) 1,2,3-Trichloropropane	12.499	75	51233m	12.92	ug/l		
77) Bromobenzene	12.470	156	67309	19.78	ug/l		95
78) n-propylbenzene	12.537	91	276046	18.15	ug/l		98
79) 2-Chlorotoluene	12.617	91	170240	17.59	ug/l		98
80) 1,3,5-Trimethylbenzene	12.679	105	211320	18.15	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.250	75	17129	17.51	ug/l		97
82) 4-Chlorotoluene	12.719	91	169510	18.15	ug/l		100
83) tert-Butylbenzene	12.936	119	177780	17.82	ug/l		96
84) 1,2,4-Trimethylbenzene	12.985	105	199674	18.21	ug/l		96
85) sec-Butylbenzene	13.116	105	228235	17.64	ug/l		98
86) p-Isopropyltoluene	13.234	119	199544	17.97	ug/l		99
87) 1,3-Dichlorobenzene	13.229	146	112045	19.37	ug/l		99
88) 1,4-Dichlorobenzene	13.309	146	113702	18.49	ug/l		100
89) n-Butylbenzene	13.561	91	154991	16.38	ug/l		99
90) Hexachloroethane	13.816	117	42798	18.41	ug/l		90
91) 1,2-Dichlorobenzene	13.599	146	113393	19.34	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.224	75	12267	15.08	ug/l		89
93) 1,2,4-Trichlorobenzene	14.857	180	66903	20.60	ug/l		98
94) Hexachlorobutadiene	14.948	225	38536	21.39	ug/l		98
95) Naphthalene	15.074	128	163480	19.56	ug/l		99
96) 1,2,3-Trichlorobenzene	15.254	180	66072	21.04	ug/l		98

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

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

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