Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
Data File : VN066628.D
Acq On : 16 Apr 2021 16:03
Operator : JC/MD
Sample : VN0416WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Manual Integrations APPROVED
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Quant Time: Apr 17 05:16:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.588	168	213128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	342617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	326116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	147382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	142740	44.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.78%			
35) Dibromofluoromethane	7.508	113	109673	46.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.32%			
50) Toluene-d8	10.026	98	431903	46.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.76%			
62) 4-Bromofluorobenzene	12.346	95	149663	45.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.833	85	44810	17.31	ug/l	99
3) Chloromethane	2.034	50	64640	17.12	ug/l	99
4) Vinyl Chloride	2.163	62	59102	17.98	ug/l	99
5) Bromomethane	2.506	94	35449	17.32	ug/l	96
6) Chloroethane	2.651	64	35856	18.19	ug/l	99
7) Trichlorofluoromethane	2.967	101	65401	17.18	ug/l	98
8) Diethyl Ether	3.353	74	27868	17.91	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.691	101	40691	18.09	ug/l	98
10) Methyl Iodide	3.882	142	57259	18.33	ug/l	98
11) Tert butyl alcohol	4.705	59	43686	84.66	ug/l	100
12) 1,1-Dichloroethene	3.670	96	38709	17.58	ug/l	89
13) Acrolein	3.544	56	22837	83.04	ug/l	98
14) Allyl chloride	4.244	41	81034	85.37	ug/l	97
15) Acrylonitrile	4.893	53	124218	87.45	ug/l	98
16) Acetone	3.753	43	104505	85.33	ug/l	95
17) Carbon Disulfide	3.981	76	119321	16.07	ug/l	97
18) Methyl Acetate	4.249	43	61239	17.68	ug/l	94
19) Methyl tert-butyl Ether	4.952	73	140694	18.04	ug/l	93
20) Methylene Chloride	4.464	84	52103	17.15	ug/l	95
21) trans-1,2-Dichloroethene	4.949	96	44268	17.85	ug/l	89
22) Diisopropyl ether	5.861	45	170131	18.07	ug/l	92
23) Vinyl Acetate	5.802	43	694521	88.30	ug/l	96
24) 1,1-Dichloroethane	5.757	63	90633	17.67	ug/l	98
25) 2-Butanone	6.743	43	158605	83.69	ug/l	92
26) 2,2-Dichloropropane	6.730	77	73038	17.96	ug/l	98
27) cis-1,2-Dichloroethene	6.738	96	51087	17.78	ug/l	91
28) Bromochloromethane	7.106	49	45215	17.00	ug/l #	82
29) Tetrahydrofuran	7.127	42	107609	84.37	ug/l	92
30) Chloroform	7.291	83	86446	17.92	ug/l	98
31) Cyclohexane	7.575	56	78260	16.92	ug/l	97
32) 1,1,1-Trichloroethane	7.492	97	70612	17.72	ug/l	96
36) 1,1-Dichloropropene	7.714	75	61690	17.86	ug/l	98
37) Ethyl Acetate	6.840	43	72142	18.42	ug/l #	97
38) Carbon Tetrachloride	7.696	117	58360	18.04	ug/l	98
39) Methylcyclohexane	9.012	83	71268	18.12	ug/l	91
40) Benzene	7.966	78	203378	18.39	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.084	41	28474	15.89	ug/l	#	100
42) 1,2-Dichloroethane	8.050	62	67253	17.71	ug/l		99
43) Isopropyl Acetate	8.092	43	113882	17.41	ug/l	#	88
44) Trichloroethene	8.766	130	47963	18.77	ug/l		100
45) 1,2-Dichloropropane	9.050	63	56237	18.26	ug/l		100
46) Dibromomethane	9.141	93	33095	17.92	ug/l		97
47) Bromodichloromethane	9.337	83	69566	18.35	ug/l		99
48) Methyl methacrylate	9.136	41	51507	17.51	ug/l		91
49) 1,4-Dioxane	9.133	88	17532	341.89	ug/l		89
51) 4-Methyl-2-Pentanone	9.919	43	341515	88.74	ug/l		95
52) Toluene	10.093	92	122590	18.81	ug/l		99
53) t-1,3-Dichloropropene	10.321	75	75232	18.37	ug/l		97
54) cis-1,3-Dichloropropene	9.774	75	82761	18.34	ug/l		93
55) 1,1,2-Trichloroethane	10.501	97	50826	18.88	ug/l		98
56) Ethyl methacrylate	10.369	69	65458	17.10	ug/l		90
57) 1,3-Dichloropropane	10.646	76	84464	18.72	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.632	63	49114	80.19	ug/l		92
59) 2-Hexanone	10.694	43	213634	81.25	ug/l		95
60) Dibromochloromethane	10.842	129	51492	18.33	ug/l		99
61) 1,2-Dibromoethane	10.946	107	48818	18.45	ug/l		100
64) Tetrachloroethene	10.571	164	42379	18.67	ug/l		98
65) Chlorobenzene	11.375	112	130431	18.38	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.450	131	47975	18.64	ug/l		98
67) Ethyl Benzene	11.453	91	228592	18.51	ug/l		98
68) m/p-Xylenes	11.566	106	173566	38.51	ug/l		98
69) o-Xylene	11.890	106	85523	19.45	ug/l		98
70) Styrene	11.909	104	133484	19.48	ug/l		98
71) Bromoform	12.073	173	37223	19.16	ug/l	#	100
73) Isopropylbenzene	12.193	105	220932	19.68	ug/l		99
74) N-amyl acetate	12.032	43	19591	14.41	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.448	83	77410	18.53	ug/l		99
76) 1,2,3-Trichloropropane	12.499	75	66606m	19.33	ug/l		
77) Bromobenzene	12.469	156	55086	19.89	ug/l		95
78) n-propylbenzene	12.534	91	250056	19.27	ug/l		98
79) 2-Chlorotoluene	12.617	91	156073	19.67	ug/l		99
80) 1,3,5-Trimethylbenzene	12.679	105	186538	19.70	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.247	75	18333	18.09	ug/l		97
82) 4-Chlorotoluene	12.716	91	151078	19.35	ug/l		98
83) tert-Butylbenzene	12.936	119	154737	19.42	ug/l		98
84) 1,2,4-Trimethylbenzene	12.984	105	174259	19.49	ug/l		99
85) sec-Butylbenzene	13.116	105	203887	18.93	ug/l		99
86) p-Isopropyltoluene	13.234	119	168589	19.08	ug/l		100
87) 1,3-Dichlorobenzene	13.226	146	90657	18.52	ug/l		99
88) 1,4-Dichlorobenzene	13.306	146	94942	19.10	ug/l		97
89) n-Butylbenzene	13.561	91	131436	17.77	ug/l		98
90) Hexachloroethane	13.816	117	35542	18.18	ug/l		94
91) 1,2-Dichlorobenzene	13.599	146	91185	18.79	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	11709	16.51	ug/l		90
93) 1,2,4-Trichlorobenzene	14.854	180	47196	17.27	ug/l		98
94) Hexachlorobutadiene	14.948	225	27728	17.95	ug/l		99
95) Naphthalene	15.074	128	116578	15.50	ug/l		99
96) 1,2,3-Trichlorobenzene	15.251	180	46076	16.40	ug/l		97

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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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