Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111418\
Data File : VN052313.D
Acq On : 14 Nov 2018 15:22
Operator : MD\SY
Sample : J5164-07 0.2ppb
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Manual Integrations APPROVED
MMDadoda
11/20/2018 2:53:51 PM

Quant Time: Nov 15 04:22:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	261847	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	454481	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	381086	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122830	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	187204	50.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.24%				
35) Dibromofluoromethane	7.59	113	141955	48.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.86%				
50) Toluene-d8	10.09	98	535923	46.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.94%				
62) 4-Bromofluorobenzene	12.40	95	155669	41.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.86	85	813	0.293	ug/l		84
3) Chloromethane	2.06	50	1447	0.375	ug/l		99
4) Vinyl Chloride	2.19	62	1245	0.374	ug/l		98
5) Bromomethane	2.58	94	1008	0.485	ug/l		97
7) Trichlorofluoromethane	3.02	101	1606	0.348	ug/l		90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	995m	0.342	ug/l		
14) Allyl chloride	4.34	41	2449m	0.442	ug/l		
16) Acetone	3.83	43	2127	2.089	ug/l		98
17) Carbon Disulfide	4.06	76	4452	0.576	ug/l		99
18) Methyl Acetate	4.33	43	1924m	1.100	ug/l		
19) Methyl tert-butyl Ether	5.04	73	1985m	0.256	ug/l		
21) trans-1,2-Dichloroethene	5.05	96	927	0.319	ug/l	#	59
22) Diisopropyl ether	5.96	45	2864m	0.254	ug/l		
23) Vinyl Acetate	5.90	43	7544	0.985	ug/l		100
24) 1,1-Dichloroethane	5.85	63	1445m	0.239	ug/l		
25) 2-Butanone	6.84	43	2432m	1.697	ug/l		
27) cis-1,2-Dichloroethene	6.82	96	917m	0.271	ug/l		
28) Bromochloromethane	7.20	49	1124m	0.361	ug/l		
29) Tetrahydrofuran	7.22	42	1001	1.063	ug/l	#	93
30) Chloroform	7.38	83	4125	0.715	ug/l		85
31) Cyclohexane	7.66	56	8118	0.392	ug/l	#	10
32) 1,1,1-Trichloroethane	7.57	97	1136	0.231	ug/l	#	43
36) 1,1-Dichloropropene	7.79	75	1854	0.407	ug/l	#	63
38) Carbon Tetrachloride	7.79	117	1186m	0.283	ug/l		
39) Methylcyclohexane	9.09	83	1481	0.285	ug/l	#	73
40) Benzene	8.05	78	3239	0.249	ug/l	#	82
41) Methacrylonitrile	7.17	41	709	4.053	ug/l	#	100
42) 1,2-Dichloroethane	8.13	62	1355	0.292	ug/l	#	78
43) Isopropyl Acetate	8.20	43	4267	0.669	ug/l	#	67
44) Trichloroethene	8.84	130	1001	0.312	ug/l		98
45) 1,2-Dichloropropane	9.12	63	1041	0.282	ug/l	#	87
46) Dibromomethane	9.21	93	686	0.321	ug/l	#	47
47) Bromodichloromethane	9.40	83	1578	0.360	ug/l	#	73
48) Methyl methacrylate	9.20	41	1472	0.455	ug/l	#	50

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
51) 4-Methyl-2-Pentanone	9.99	43	3858	1.201 ug/l		100
52) Toluene	10.16	92	2306	0.296 ug/l		81
54) cis-1,3-Dichloropropene	9.84	75	1351	0.268 ug/l	#	85
55) 1,1,2-Trichloroethane	10.55	97	833m	0.295 ug/l		
56) Ethyl methacrylate	10.43	69	836	0.225 ug/l	#	85
57) 1,3-Dichloropropane	10.71	76	1192	0.238 ug/l	#	87
58) 2-Chloroethyl Vinyl ether	9.69	63	2026	0.959 ug/l	#	78
59) 2-Hexanone	10.75	43	3211	1.454 ug/l		96
61) 1,2-Dibromoethane	11.00	107	725	0.258 ug/l		99
64) Tetrachloroethene	10.63	164	952	0.351 ug/l		85
65) Chlorobenzene	11.43	112	2677	0.332 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	567	0.206 ug/l	#	56
67) Ethyl Benzene	11.51	91	3530	0.252 ug/l		93
68) m/p-Xylenes	11.62	106	2995	0.586 ug/l		98
69) o-Xylene	11.95	106	1254	0.256 ug/l		73
70) Styrene	11.97	104	2091	0.267 ug/l		95
73) Isopropylbenzene	12.25	105	3199	0.324 ug/l		98
74) N-amyl acetate	12.08	43	1314	0.374 ug/l	#	71
75) 1,1,2,2-Tetrachloroethane	12.51	83	1021	0.428 ug/l	#	88
76) 1,2,3-Trichloropropane	12.56	75	1328m	0.637 ug/l		
77) Bromobenzene	12.53	156	1093	0.476 ug/l		92
78) n-propylbenzene	12.59	91	3997	0.346 ug/l		97
79) 2-Chlorotoluene	12.68	91	2737	0.406 ug/l		89
80) 1,3,5-Trimethylbenzene	12.73	105	3078	0.392 ug/l		90
82) 4-Chlorotoluene	12.77	91	3124	0.452 ug/l		95
83) tert-Butylbenzene	12.99	119	2890	0.417 ug/l		91
84) 1,2,4-Trimethylbenzene	13.04	105	2580	0.327 ug/l		88
85) sec-Butylbenzene	13.17	105	3530	0.374 ug/l		99
86) p-Isopropyltoluene	13.29	119	2985	0.373 ug/l		95
87) 1,3-Dichlorobenzene	13.29	146	2028	0.497 ug/l		92
88) 1,4-Dichlorobenzene	13.36	146	1983m	0.489 ug/l		
89) n-Butylbenzene	13.62	91	2878	0.419 ug/l		93
90) Hexachloroethane	13.87	117	473	0.334 ug/l	#	55
91) 1,2-Dichlorobenzene	13.66	146	2017	0.510 ug/l		91
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77	0.219 ug/l	#	3
93) 1,2,4-Trichlorobenzene	14.90	180	1731	3.155 ug/l		96
94) Hexachlorobutadiene	15.01	225	884	0.977 ug/l	#	64
95) Naphthalene	15.13	128	3636	3.397 ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.32	180	1538	1.024 ug/l		94

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

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