Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008905.D
Acq On : 10 Dec 2019 14:26
Operator : JU
Sample : K5111-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
mohammad
12/11/2019 12:32:08 PM

Quant Time: Dec 10 15:24:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2612	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	10707	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	8031	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	19133	0.40	ng		0.00
27) Chrysene-d12	21.13	240	18461	0.40	ng		0.00
34) Perylene-d12	23.28	264	18355	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2562	0.39	ng		0.00
5) Phenol-d6	6.75	99	3498	0.38	ng		0.00
8) Nitrobenzene-d5	8.69	82	3236	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	6897	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1282	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.81	172	11152	0.37	ng		0.00
25) Fluoranthene-d10	18.97	212	20639	0.36	ng		0.00
29) Terphenyl-d14	19.58	244	17018	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	206	0.084	ng	#	91
3) n-Nitrosodimethylamine	3.56	42	247m	0.073	ng		
6) bis(2-Chloroethyl)ether	7.00	93	746	0.086	ng		99
9) Naphthalene	10.37	128	2604	0.089	ng	#	94
10) Hexachlorobutadiene	10.67	225	478	0.086	ng	#	97
12) 2-Methylnaphthalene	11.99	142	1993	0.092	ng		96
16) Acenaphthylene	13.90	152	2978	0.081	ng		100
17) Acenaphthene	14.25	154	2102	0.086	ng		99
18) Fluorene	15.24	166	2827	0.086	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	949	0.083	ng		95
21) Hexachlorobenzene	16.25	284	1039	0.080	ng		97
22) Pentachlorophenol	16.60	266	417	0.089	ng		93
23) Phenanthrene	16.98	178	4987	0.083	ng		98
24) Anthracene	17.06	178	4364	0.082	ng		98
26) Fluoranthene	19.00	202	5943	0.083	ng		99
28) Pyrene	19.36	202	5900	0.091	ng		99
30) Benzo(a)anthracene	21.12	228	5542	0.085	ng		99
31) Chrysene	21.17	228	6010	0.089	ng		97
32) Bis(2-ethylhexyl)phthalate	21.08	149	2168	0.071	ng		98
33) Indeno(1,2,3-cd)pyrene	25.40	276	5746	0.080	ng		99
35) Benzo(b)fluoranthene	22.65	252	5779	0.088	ng	#	77
36) Benzo(k)fluoranthene	22.69	252	5935	0.090	ng	#	72
37) Benzo(a)pyrene	23.19	252	4916	0.083	ng	#	69
38) Dibenzo(a,h)anthracene	25.41	278	4695	0.085	ng	#	83
39) Benzo(g,h,i)perylene	26.04	276	4924	0.090	ng		91

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

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