Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
Data File : BE101015.D
Acq On : 9 Jan 2020 16:53
Operator : JU
Sample : K5111-07
Misc : LOD-MDL-W-0.1NG
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
1/10/2020 1:08:22 PM

Quant Time: Jan 09 18:04:10 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 09 16:04:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3034	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	13245	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8296	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	18585	0.40	ng		0.00
27) Chrysene-d12	21.28	240	14105	0.40	ng		0.00
34) Perylene-d12	23.70	264	16666	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2338	0.34	ng		0.00
5) Phenol-d6	6.92	99	2486	0.29	ng		0.00
8) Nitrobenzene-d5	8.89	82	2768	0.29	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	8198	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	540	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	12239	0.39	ng		0.00
25) Fluoranthene-d10	19.13	212	75779	0.29	ng		0.00
29) Terphenyl-d14	19.73	244	14902	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1189	0.154	ng	#	69
3) n-Nitrosodimethylamine	3.62	42	219	0.052	ng	#	86
6) bis(2-Chloroethyl)ether	7.17	93	651	0.063	ng		82
9) Naphthalene	10.55	128	13533	0.092	ng	#	97
10) Hexachlorobutadiene	10.85	225	559	0.090	ng		96
12) 2-Methylnaphthalene	12.18	142	1884	0.085	ng		95
16) Acenaphthylene	14.08	152	2518	0.075	ng		97
17) Acenaphthene	14.43	154	1869	0.077	ng		98
18) Fluorene	15.41	166	2371	0.078	ng		98
20) 4-Bromophenyl-phenylether	16.30	248	690	0.076	ng	#	91
21) Hexachlorobenzene	16.41	284	876	0.088	ng		97
22) Pentachlorophenol	16.76	266	352	0.143	ng		97
23) Phenanthrene	17.15	178	3887	0.077	ng		99
24) Anthracene	17.24	178	3910	0.082	ng		97
26) Fluoranthene	19.16	202	4906	0.077	ng		99
28) Pyrene	19.52	202	4889	0.093	ng		99
30) Benzo(a)anthracene	21.26	228	2526	0.063	ng		94
31) Chrysene	21.32	228	5984	0.100	ng		95
32) Bis(2-ethylhexyl)phthalate	21.20	149	5551	0.083	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	3312	0.070	ng	#	92
35) Benzo(b)fluoranthene	22.96	252	3096	0.066	ng	#	86
36) Benzo(k)fluoranthene	23.00	252	5494m	0.081	ng		
37) Benzo(a)pyrene	23.59	252	2905	0.064	ng	#	78
38) Dibenzo(a,h)anthracene	26.28	278	2684m	0.065	ng		
39) Benzo(g,h,i)perylene	27.02	276	3746	0.073	ng	#	88

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

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