Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
Data File : BE101016.D
Acq On : 9 Jan 2020 17:28
Operator : JU
Sample : K5111-08
Misc : LOO-W-0.1NG
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2019

Manual Integrations APPROVED
mohammad
1/10/2020 1:08:24 PM

Quant Time: Jan 09 18:18:35 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3023	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	13308	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8285	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	18312	0.40	ng		0.00
27) Chrysene-d12	21.28	240	14128	0.40	ng		0.00
34) Perylene-d12	23.69	264	16381	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2362	0.35	ng		0.00
5) Phenol-d6	6.92	99	2506	0.29	ng		0.00
8) Nitrobenzene-d5	8.89	82	2653	0.28	ng		0.01
11) 2-Methylnaphthalene-d10	12.12	152	8174	0.32	ng		0.01
14) 2,4,6-Tribromophenol	15.86	330	547	0.23	ng		0.01
15) 2-Fluorobiphenyl	13.00	172	12115	0.38	ng		0.00
25) Fluoranthene-d10	19.13	212	71926	0.28	ng		0.00
29) Terphenyl-d14	19.74	244	14312	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	916m	0.119	ng		
3) n-Nitrosodimethylamine	3.60	42	270m	0.064	ng		
6) bis(2-Chloroethyl)ether	7.17	93	665	0.065	ng	#	1
9) Naphthalene	10.56	128	13242	0.090	ng	#	96
10) Hexachlorobutadiene	10.85	225	561	0.090	ng		97
12) 2-Methylnaphthalene	12.18	142	1951	0.087	ng	#	91
16) Acenaphthylene	14.08	152	2459	0.073	ng		96
17) Acenaphthene	14.43	154	1913	0.079	ng		99
18) Fluorene	15.41	166	2256	0.074	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	648	0.073	ng	#	89
21) Hexachlorobenzene	16.41	284	815	0.083	ng		94
22) Pentachlorophenol	16.76	266	354	0.146	ng		92
23) Phenanthrene	17.15	178	3836	0.077	ng		98
24) Anthracene	17.24	178	3958	0.084	ng		95
26) Fluoranthene	19.16	202	4622	0.074	ng		99
28) Pyrene	19.52	202	4633	0.088	ng		98
30) Benzo(a)anthracene	21.26	228	2471	0.061	ng		94
31) Chrysene	21.32	228	6035	0.101	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	5249	0.078	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.25	276	3766	0.080	ng	#	73
35) Benzo(b)fluoranthene	22.96	252	3028	0.066	ng	#	82
36) Benzo(k)fluoranthene	23.01	252	6369m	0.096	ng		
37) Benzo(a)pyrene	23.59	252	2978	0.067	ng	#	79
38) Dibenzo(a,h)anthracene	26.27	278	2643	0.065	ng	#	45
39) Benzo(g,h,i)perylene	27.02	276	3644	0.072	ng		94

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

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