Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010299.D
Acq On : 19 Mar 2020 21:39
Operator : CG/JU
Sample : L1161-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT1-2020

Quant Time: Mar 20 01:25:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3873	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13653	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8198	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	19572	0.40	ng		0.00
27) Chrysene-d12	21.19	240	21057	0.40	ng		0.00
34) Perylene-d12	23.36	264	22650	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2926	0.38	ng		0.00
5) Phenol-d6	6.80	99	3685	0.39	ng		0.00
8) Nitrobenzene-d5	8.74	82	3133	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	7463	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	967	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	12132	0.39	ng		0.00
25) Fluoranthene-d10	19.02	212	19823	0.34	ng		0.00
29) Terphenyl-d14	19.63	244	17335	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	292	0.080	ng	#	88
3) n-Nitrosodimethylamine	3.58	42	179	0.058	ng	#	93
6) bis(2-Chloroethyl)ether	7.06	93	832	0.091	ng		98
9) Naphthalene	10.43	128	2933	0.086	ng	#	94
10) Hexachlorobutadiene	10.73	225	709	0.086	ng	#	97
12) 2-Methylnaphthalene	12.05	142	2057	0.087	ng		94
16) Acenaphthylene	13.96	152	2454	0.076	ng		98
17) Acenaphthene	14.30	154	1812	0.079	ng		97
18) Fluorene	15.29	166	2428	0.080	ng		97
20) 4-Bromophenyl-phenylether	16.19	248	891	0.075	ng		93
21) Hexachlorobenzene	16.31	284	1009	0.083	ng		98
22) Pentachlorophenol	16.65	266	679	0.163	ng		93
23) Phenanthrene	17.03	178	4387	0.082	ng		100
24) Anthracene	17.11	178	3548	0.077	ng		99
26) Fluoranthene	19.05	202	5354	0.081	ng		99
28) Pyrene	19.42	202	5199	0.079	ng		99
30) Benzo(a)anthracene	21.17	228	5337	0.080	ng		99
31) Chrysene	21.22	228	6131	0.085	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	1769	0.078	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.51	276	6880	0.089	ng		98
35) Benzo(b)fluoranthene	22.71	252	5621	0.073	ng	#	85
36) Benzo(k)fluoranthene	22.76	252	6030	0.077	ng	#	74
37) Benzo(a)pyrene	23.27	252	4123	0.064	ng	#	76
38) Dibenzo(a,h)anthracene	25.52	278	5682	0.081	ng	#	87
39) Benzo(g,h,i)perylene	26.16	276	5535	0.078	ng		94

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

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