Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
Data File : BN011151.D
Acq On : 13 Jul 2020 13:12
Operator : CG/JU
Sample : L3216-01
Misc : LOD-MDL-SOIL-0.1PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/14/2020 12:02:04 PM

Quant Time: Jul 13 13:54:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 11:25:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1648	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5511	0.40	ng		0.01
13) Acenaphthene-d10	14.13	164	2483	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	5075	0.40	ng		0.01
29) Chrysene-d12	21.11	240	4277	0.40	ng		0.01
36) Perylene-d12	23.25	264	4357	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	1576	0.39	ng		0.00
5) Phenol-d6	6.71	99	1389	0.30	ng		0.00
8) Nitrobenzene-d5	8.66	82	1330	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	2989	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	345	0.31	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	3494	0.30	ng		0.01
27) Fluoranthene-d10	18.94	212	5315	0.33	ng		0.01
31) Terphenyl-d14	19.55	244	4228	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	157	0.067	ng	#	88
3) n-Nitrosodimethylamine	3.61	42	56m	0.047	ng		
6) bis(2-Chloroethyl)ether	6.96	93	298	0.071	ng		97
9) Naphthalene	10.30	128	1430	0.087	ng	#	83
10) Hexachlorobutadiene	10.60	225	351	0.086	ng	#	97
12) 2-Methylnaphthalene	11.94	142	857	0.083	ng	#	95
16) Acenaphthylene	13.85	152	1014	0.080	ng		97
17) Acenaphthene	14.20	154	665	0.079	ng		94
18) Fluorene	15.21	166	859	0.079	ng		99
20) 4,6-Dinitro-2-methylphenol	15.36	198	43	0.065	ng	#	37
21) 4-Bromophenyl-phenylether	16.11	248	245	0.071	ng	#	82
22) Hexachlorobenzene	16.20	284	340	0.085	ng		97
23) Atrazine	16.40	200	219	0.091	ng	#	73
24) Pentachlorophenol	16.57	266	223	0.187	ng		92
25) Phenanthrene	16.93	178	1304	0.080	ng		99
26) Anthracene	17.04	178	987	0.073	ng		96
28) Fluoranthene	18.97	202	1548	0.079	ng		97
30) Pyrene	19.33	202	1557	0.095	ng		99
32) Benzo(a)anthracene	21.10	228	1231m	0.089	ng		
33) Chrysene	21.15	228	1541	0.091	ng		93
34) Bis(2-ethylhexyl)phthalate	21.05	149	822	0.144	ng	#	95
35) Indeno(1,2,3-cd)pyrene	25.36	276	1449	0.082	ng		98
37) Benzo(b)fluoranthene	22.62	252	1290	0.074	ng	#	56
38) Benzo(k)fluoranthene	22.66	252	1710	0.086	ng	#	53
39) Benzo(a)pyrene	23.17	252	1222	0.078	ng	#	36
40) Dibenzo(a,h)anthracene	25.39	278	1076	0.064	ng	#	39
41) Benzo(g,h,i)perylene	25.99	276	1487	0.081	ng	#	79

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

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