Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071420\
Data File : BN011164.D
Acq On : 14 Jul 2020 18:04
Operator : CG/JU
Sample : L3216-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2020

Manual Integrations APPROVED
mohammad
7/15/2020 10:57:35 AM

Quant Time: Jul 14 19:12:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 15:08:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	1050	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	3305	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	2139	0.40	ng		0.00
19) Phenanthrene-d10	16.88	188	5227	0.40	ng		0.00
29) Chrysene-d12	21.10	240	5198	0.40	ng		0.00
36) Perylene-d12	23.23	264	5135	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.15	112	978	0.38	ng		0.00
5) Phenol-d6	6.70	99	1196	0.41	ng		0.00
8) Nitrobenzene-d5	8.65	82	970	0.33	ng		0.02
11) 2-Methylnaphthalene-d10	11.85	152	2103	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	384	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	3091	0.31	ng		0.00
27) Fluoranthene-d10	18.92	212	6193	0.38	ng		0.00
31) Terphenyl-d14	19.54	244	5098	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	116m	0.077	ng		
3) n-Nitrosodimethylamine	3.56	42	66	0.087	ng	#	97
6) bis(2-Chloroethyl)ether	6.95	93	244	0.091	ng		99
9) Naphthalene	10.30	128	889	0.090	ng	#	78
10) Hexachlorobutadiene	10.59	225	202	0.083	ng	#	100
12) 2-Methylnaphthalene	11.93	142	619	0.100	ng	#	95
16) Acenaphthylene	13.84	152	914	0.084	ng		99
17) Acenaphthene	14.19	154	604	0.083	ng		95
18) Fluorene	15.19	166	862	0.093	ng		99
20) 4,6-Dinitro-2-methylphenol	15.33	198	58	0.193	ng	#	35
21) 4-Bromophenyl-phenylether	16.09	248	264	0.074	ng	#	91
22) Hexachlorobenzene	16.20	284	313	0.076	ng		92
23) Atrazine	16.38	200	250	0.100	ng	#	81
24) Pentachlorophenol	16.55	266	221m	0.180	ng		
25) Phenanthrene	16.92	178	1446	0.086	ng		100
26) Anthracene	17.03	178	1149	0.082	ng		98
28) Fluoranthene	18.95	202	1818	0.090	ng		99
30) Pyrene	19.32	202	1809	0.091	ng		99
32) Benzo(a)anthracene	21.08	228	1608	0.095	ng		94
33) Chrysene	21.13	228	1878	0.091	ng		95
34) Bis(2-ethylhexyl)phthalate	21.04	149	1000	0.144	ng		99
35) Indeno(1,2,3-cd)pyrene	25.33	276	1919	0.046	ng	#	90
37) Benzo(b)fluoranthene	22.60	252	1678	0.081	ng	#	65
38) Benzo(k)fluoranthene	22.65	252	2026	0.087	ng	#	64
39) Benzo(a)pyrene	23.14	252	1658	0.089	ng	#	40
40) Dibenzo(a,h)anthracene	25.35	278	1434	0.073	ng	#	56
41) Benzo(g,h,i)perylene	25.95	276	1654	0.077	ng	#	82

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

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