Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
Data File : BN005034.D
Acq On : 29 Mar 2019 15:17
Operator : JU/SJ
Sample : K1560-01
Misc : LOD 0.1 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2019

Quant Time: Mar 29 23:49:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2556	0.40	ng		0.00
7) Naphthalene-d8	10.45	136	10392	0.40	ng		0.01
13) Acenaphthene-d10	14.31	164	6463	0.40	ng		0.01
19) Phenanthrene-d10	17.07	188	16011	0.40	ng		0.01
27) Chrysene-d12	21.26	240	17907	0.40	ng		0.00
34) Perylene-d12	23.50	264	17704	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2451	0.38	ng		0.00
5) Phenol-d6	6.86	99	2695	0.36	ng		0.00
8) Nitrobenzene-d5	8.84	82	1997	0.33	ng		0.01
11) 2-Methylnaphthalene-d10	12.05	152	5860	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1171	0.32	ng		0.01
15) 2-Fluorobiphenyl	12.93	172	9338	0.38	ng		0.01
25) Fluoranthene-d10	19.10	212	16371	0.36	ng		0.00
29) Terphenyl-d14	19.70	244	16041	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	294	0.107	ng		96
3) n-Nitrosodimethylamine	3.56	42	76	0.045	ng	#	89
6) bis(2-Chloroethyl)ether	7.10	93	664	0.093	ng		91
9) Naphthalene	10.50	128	2577	0.099	ng	#	92
10) Hexachlorobutadiene	10.76	225	492	0.101	ng	#	100
12) 2-Methylnaphthalene	12.12	142	1776	0.094	ng		98
16) Acenaphthylene	14.03	152	2551	0.084	ng		99
17) Acenaphthene	14.37	154	1817	0.094	ng		99
18) Fluorene	15.37	166	2410	0.093	ng		99
20) 4-Bromophenyl-phenylether	16.26	248	820	0.089	ng		97
21) Hexachlorobenzene	16.37	284	958	0.095	ng		99
22) Pentachlorophenol	16.77	266	57	0.118	ng	#	70
23) Phenanthrene	17.10	178	4180	0.093	ng		100
24) Anthracene	17.21	178	3379	0.085	ng		99
26) Fluoranthene	19.13	202	5284	0.096	ng		99
28) Pyrene	19.50	202	5164	0.102	ng		100
30) Benzo(a)anthracene	21.25	228	4702	0.093	ng		97
31) Chrysene	21.30	228	5641	0.104	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	1996	0.094	ng		98
33) Indeno(1,2,3-cd)pyrene	25.76	276	5684	0.093	ng		98
35) Benzo(b)fluoranthene	22.83	252	5355	0.094	ng	#	89
36) Benzo(k)fluoranthene	22.87	252	5640	0.103	ng	#	87
37) Benzo(a)pyrene	23.40	252	4584	0.091	ng	#	80
38) Dibenzo(a,h)anthracene	25.77	278	4565	0.090	ng	#	89
39) Benzo(g,h,i)perylene	26.45	276	4993	0.098	ng		95

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

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