Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102618\
Data File : BN003310.D
Acq On : 26 Oct 2018 18:17
Operator : MJ/SJ
Sample : J5164-01
Misc : 0.1 PPM LOD
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT4-2018

Manual Integrations APPROVED
Sohil
10/29/2018 4:49:31 PM

Quant Time: Oct 29 16:38:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12264	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	51363	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	30370	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	76951	0.40	ng		0.00
27) Chrysene-d12	21.42	240	80037	0.40	ng		0.00
34) Perylene-d12	23.74	264	71557	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	9449	0.31	ng		0.00
5) Phenol-d6	7.01	99	11774	0.31	ng		0.00
8) Nitrobenzene-d5	9.02	82	7751	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	25807	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	3215	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	42291	0.32	ng		-0.01
25) Fluoranthene-d10	19.26	212	64250	0.29	ng		0.00
29) Terphenyl-d14	19.86	244	57786	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	1574	0.099	ng		92
3) n-Nitrosodimethylamine	3.70	42	481	0.066	ng	#	89
6) bis(2-Chloroethyl)ether	7.30	93	2936	0.086	ng		93
9) Naphthalene	10.71	128	11598	0.092	ng		98
10) Hexachlorobutadiene	10.99	225	2130	0.093	ng	#	98
12) 2-Methylnaphthalene	12.32	142	7869	0.090	ng		99
16) Acenaphthylene	14.22	152	10640	0.079	ng		100
17) Acenaphthene	14.56	154	8186	0.087	ng		98
18) Fluorene	15.55	166	10247	0.087	ng		99
20) 4-Bromophenyl-phenylether	16.43	248	3816	0.086	ng	#	78
21) Hexachlorobenzene	16.54	284	4213	0.090	ng		99
22) Pentachlorophenol	16.88	266	959	0.075	ng		96
23) Phenanthrene	17.28	178	18524	0.088	ng		100
24) Anthracene	17.38	178	14240	0.079	ng		99
26) Fluoranthene	19.29	202	20796	0.086	ng		100
28) Pyrene	19.66	202	20481	0.093	ng		100
30) Benzo(a)anthracene	21.41	228	16735	0.080	ng		99
31) Chrysene	21.45	228	20950	0.093	ng		97
32) Bis(2-ethylhexyl)phthalate	21.32	149	5117	0.082	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.10	276	18667	0.080	ng		97
35) Benzo(b)fluoranthene	23.03	252	19803m	0.089	ng		
36) Benzo(k)fluoranthene	23.08	252	19355	0.088	ng	#	90
37) Benzo(a)pyrene	23.64	252	17027	0.084	ng	#	91
38) Dibenzo(a,h)anthracene	26.12	278	14900	0.079	ng		93
39) Benzo(g,h,i)perylene	26.83	276	16345	0.086	ng		96

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

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