Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
Data File : BE091728.D
Acq On : 27 Apr 2016 16:18
Operator : UM/SJ
Sample : H1824-04
Misc : LOQ 2PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL2016-02

Manual Integrations APPROVED
sohil
4/28/2016 1:42:17 PM

Quant Time: Apr 28 03:46:58 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37346	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	164168	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	96189	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	246996	5.00	ng		0.00
26) Chrysene-d12	21.31	240	288239	5.00	ng		0.00
35) Perylene-d12	23.75	264	299875	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	72572	7.91	ng		0.00
5) Phenol-d6	6.95	99	97788	8.04	ng		0.00
8) Nitrobenzene-d5	8.95	82	42830	4.04	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	30442	8.49	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	113888	4.19	ng		0.00
29) Terphenyl-d14	19.76	244	194008	4.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	958	0.12	ng		91
3) n-Nitrosodimethylamine	3.65	42	1048	0.15	ng		97
6) bis(2-Chloroethyl)ether	7.21	93	1835	0.17	ng	#	77
9) Nitrobenzene	8.99	77	2224	0.20	ng	#	96
10) Naphthalene	10.61	128	6181	0.19	ng	#	95
11) Hexachlorobutadiene	10.92	225	900m	0.18	ng		
12) 2-Methylnaphthalene	12.24	142	4006	0.19	ng		98
16) Acenaphthylene	14.12	152	5695m	0.15	ng		
17) Acenaphthene	14.47	154	4276	0.18	ng		87
18) Fluorene	15.46	166	5520	0.19	ng		97
20) 4-Bromophenyl-phenylether	16.33	248	1616	0.18	ng		97
21) Hexachlorobenzene	16.45	284	1702	0.19	ng		97
22) Pentachlorophenol	16.79	266	620	0.22	ng		92
23) Phenanthrene	17.18	178	11479	0.20	ng		99
24) Anthracene	17.28	178	9398	0.19	ng		98
25) Fluoranthene	19.19	202	11732	0.20	ng		97
27) Benzidine	19.40	184	2429	0.27	ng		91
28) Pyrene	19.55	202	13028	0.20	ng		99
30) Benzo(a)anthracene	21.29	228	14080	0.20	ng		93
31) 3,3'-Dichlorobenzidine	21.22	252	2336	0.07	ng	#	81
32) Chrysene	21.34	228	17059m	0.23	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	4758	0.22	ng	#	86
34) Indeno(1,2,3-cd)pyrene	26.30	276	13141	0.20	ng		96
36) Benzo(b)fluoranthene	22.99	252	13813	0.20	ng		99
37) Benzo(k)fluoranthene	23.05	252	11876	0.17	ng		95
38) Benzo(a)pyrene	23.64	252	11833	0.18	ng		95
39) Dibenzo(a,h)anthracene	26.33	278	10891	0.17	ng		96
40) Benzo(g,h,i)perylene	27.09	276	11223	0.18	ng		96

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

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