Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098042.D
Acq On : 24 Oct 2018 17:21
Operator : SJ/JU
Sample : J5164-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 25 04:02:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 13:49:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1090	0.40	ng		0.00
7) Naphthalene-d8	10.68	136	5523	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	4006	0.40	ng		0.00
19) Phenanthrene-d10	17.29	188	9543	0.40	ng		0.00
27) Chrysene-d12	21.47	240	11190	0.40	ng		0.00
34) Perylene-d12	24.03	264	10985	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.47	112	1162	0.35	ng		0.00
5) Phenol-d6	7.06	99	1784	0.32	ng		0.00
8) Nitrobenzene-d5	9.03	82	1969	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	12.28	152	2986	0.30	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	592	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	4911	0.30	ng		0.00
25) Fluoranthene-d10	19.32	212	37120	0.30	ng		0.00
29) Terphenyl-d14	19.92	244	7676	0.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	210	0.125	ng		88
3) n-Nitrosodimethylamine	3.70	42	234	0.105	ng	#	70
6) bis(2-Chloroethyl)ether	7.30	93	381	0.099	ng		95
9) Naphthalene	10.73	128	5010	0.091	ng	#	97
10) Hexachlorobutadiene	11.02	225	362	0.097	ng		94
12) 2-Methylnaphthalene	12.35	142	890	0.090	ng	#	87
16) Acenaphthylene	14.27	152	1616	0.089	ng		99
17) Acenaphthene	14.60	154	982	0.090	ng		97
18) Fluorene	15.59	166	1281	0.087	ng		96
20) 4-Bromophenyl-phenylether	16.48	248	510	0.089	ng	#	87
21) Hexachlorobenzene	16.59	284	536	0.089	ng		95
22) Pentachlorophenol	16.96	266	45	0.090	ng	#	72
23) Phenanthrene	17.33	178	2088	0.089	ng		98
24) Anthracene	17.42	178	2029	0.088	ng		99
26) Fluoranthene	19.35	202	2639	0.090	ng		98
28) Pyrene	19.71	202	2817	0.091	ng		99
30) Benzo(a)anthracene	21.45	228	3048	0.092	ng		94
31) Chrysene	21.51	228	2897	0.090	ng		97
32) Bis(2-ethylhexyl)phthalate	21.38	149	7614	0.097	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.72	276	3188	0.091	ng	#	67
35) Benzo(b)fluoranthene	23.24	252	2753	0.090	ng	#	89
36) Benzo(k)fluoranthene	23.29	252	2862	0.090	ng	#	86
37) Benzo(a)pyrene	23.91	252	2770	0.092	ng	#	80
38) Dibenzo(a,h)anthracene	26.75	278	2630	0.090	ng	#	86
39) Benzo(g,h,i)perylene	27.54	276	2577	0.089	ng	#	91

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

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