Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
Data File : BE101038.D
Acq On : 13 Jan 2020 14:46
Operator : JU
Sample : K3591-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Manual Integrations APPROVED
mohammad
1/14/2020 12:23:52 PM

Quant Time: Jan 13 16:39:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 13 16:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3131	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	13953	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8744	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	19052	0.40	ng		0.00
27) Chrysene-d12	21.28	240	13499	0.40	ng		0.00
34) Perylene-d12	23.70	264	13783	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2146	0.30	ng		0.00
5) Phenol-d6	6.92	99	2198	0.25	ng		0.00
8) Nitrobenzene-d5	8.89	82	2270	0.23	ng		0.01
11) 2-Methylnaphthalene-d10	12.12	152	8442	0.32	ng		0.01
14) 2,4,6-Tribromophenol	15.86	330	459	0.19	ng		0.01
15) 2-Fluorobiphenyl	13.00	172	12635	0.38	ng		0.00
25) Fluoranthene-d10	19.13	212	72127	0.27	ng		0.00
29) Terphenyl-d14	19.74	244	14688	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1121	0.140	ng	#	70
3) n-Nitrosodimethylamine	3.61	42	271	0.062	ng	#	1
6) bis(2-Chloroethyl)ether	7.17	93	643	0.061	ng		84
9) Naphthalene	10.56	128	13640	0.088	ng	#	97
10) Hexachlorobutadiene	10.85	225	556	0.085	ng		98
12) 2-Methylnaphthalene	12.19	142	1944	0.083	ng		97
16) Acenaphthylene	14.08	152	2057	0.058	ng		97
17) Acenaphthene	14.43	154	2006	0.079	ng		99
18) Fluorene	15.41	166	2409	0.075	ng		95
20) 4-Bromophenyl-phenylether	16.32	248	659	0.071	ng		89
21) Hexachlorobenzene	16.41	284	819	0.080	ng		98
22) Pentachlorophenol	16.76	266	251	0.100	ng		91
23) Phenanthrene	17.15	178	3929	0.076	ng		97
24) Anthracene	17.24	178	4143m	0.084	ng		
26) Fluoranthene	19.16	202	4686	0.072	ng		100
28) Pyrene	19.52	202	4534	0.090	ng		99
30) Benzo(a)anthracene	21.27	228	2635m	0.068	ng		
31) Chrysene	21.32	228	5447	0.095	ng		95
32) Bis(2-ethylhexyl)phthalate	21.20	149	5339	0.083	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.25	276	3108	0.069	ng	#	76
35) Benzo(b)fluoranthene	22.96	252	2582	0.067	ng	#	84
36) Benzo(k)fluoranthene	23.01	252	5041m	0.090	ng		
37) Benzo(a)pyrene	23.60	252	2697	0.072	ng	#	73
38) Dibenzo(a,h)anthracene	26.27	278	2798m	0.081	ng		
39) Benzo(g,h,i)perylene	27.02	276	3312	0.078	ng	#	89

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

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