Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011120\
Data File : BE101029.D
Acq On : 10 Jan 2020 18:51
Operator : JU
Sample : K3591-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOD-MDL-SOIL-01-QT3-2019

Quant Time: Jan 11 01:34:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3154	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	13341	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8635	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	18967	0.40	ng		0.01
27) Chrysene-d12	21.28	240	14240	0.40	ng		0.00
34) Perylene-d12	23.70	264	16946	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	2387	0.34	ng		0.00
5) Phenol-d6	6.92	99	2329	0.26	ng		0.00
8) Nitrobenzene-d5	8.89	82	2425	0.25	ng		0.01
11) 2-Methylnaphthalene-d10	12.12	152	8236	0.32	ng		0.01
14) 2,4,6-Tribromophenol	15.85	330	516	0.21	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	12399	0.38	ng		0.00
25) Fluoranthene-d10	19.13	212	72824	0.28	ng		0.00
29) Terphenyl-d14	19.74	244	14192	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1488m	0.104	ng		
3) n-Nitrosodimethylamine	3.63	42	276m	0.063	ng		
6) bis(2-Chloroethyl)ether	7.17	93	578	0.054	ng		85
9) Naphthalene	10.55	128	13482	0.091	ng	#	96
10) Hexachlorobutadiene	10.85	225	581	0.093	ng		95
12) 2-Methylnaphthalene	12.19	142	1941	0.087	ng		96
16) Acenaphthylene	14.08	152	2449	0.070	ng		99
17) Acenaphthene	14.43	154	1817	0.072	ng		91
18) Fluorene	15.41	166	2369	0.074	ng		98
20) 4-Bromophenyl-phenylether	16.30	248	676	0.073	ng	#	80
21) Hexachlorobenzene	16.41	284	925	0.091	ng		98
22) Pentachlorophenol	16.77	266	301	0.335	ng		91
23) Phenanthrene	17.13	178	3922	0.076	ng		97
24) Anthracene	17.24	178	3945	0.081	ng		96
26) Fluoranthene	19.15	202	4676	0.072	ng		99
28) Pyrene	19.52	202	4686	0.088	ng		97
30) Benzo(a)anthracene	21.27	228	2364	0.058	ng		97
31) Chrysene	21.32	228	5988	0.099	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	5008	0.074	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.25	276	3608	0.076	ng	#	91
35) Benzo(b)fluoranthene	22.96	252	2636	0.055	ng	#	81
36) Benzo(k)fluoranthene	23.01	252	5013	0.073	ng	#	80
37) Benzo(a)pyrene	23.59	252	3137	0.068	ng	#	79
38) Dibenzo(a,h)anthracene	26.27	278	3026	0.072	ng	#	54
39) Benzo(g,h,i)perylene	27.02	276	3836	0.074	ng	#	88

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

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