Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
Data File : BE101022.D
Acq On : 10 Jan 2020 13:29
Operator : JU
Sample : K5111-03
Misc : MDL-MDL-S-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-MDL-SOIL-03-QT4-2019

Quant Time: Jan 10 14:12:30 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 14:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3271	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	14489	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	9065	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	19973	0.40	ng		0.00
27) Chrysene-d12	21.28	240	13913	0.40	ng		0.00
34) Perylene-d12	23.70	264	15554	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2519	0.34	ng		0.00
5) Phenol-d6	6.91	99	2780	0.30	ng		0.00
8) Nitrobenzene-d5	8.89	82	3053	0.29	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	8592	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	597	0.23	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	13017	0.38	ng		0.00
25) Fluoranthene-d10	19.13	212	75689	0.27	ng		0.00
29) Terphenyl-d14	19.73	244	15218	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	833	0.100	ng	#	85
3) n-Nitrosodimethylamine	3.60	42	259	0.057	ng	#	63
6) bis(2-Chloroethyl)ether	7.16	93	834	0.075	ng		91
9) Naphthalene	10.55	128	14159	0.088	ng	#	97
10) Hexachlorobutadiene	10.85	225	597	0.088	ng		97
12) 2-Methylnaphthalene	12.18	142	2021	0.083	ng		94
16) Acenaphthylene	14.08	152	2565	0.069	ng		97
17) Acenaphthene	14.43	154	2011	0.076	ng		97
18) Fluorene	15.41	166	2533	0.076	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	740m	0.076	ng		
21) Hexachlorobenzene	16.41	284	899	0.084	ng		96
22) Pentachlorophenol	16.76	266	399	0.151	ng		99
23) Phenanthrene	17.15	178	4422	0.081	ng		98
24) Anthracene	17.24	178	4275m	0.083	ng		
26) Fluoranthene	19.16	202	4957	0.073	ng		99
28) Pyrene	19.52	202	5031	0.097	ng		99
30) Benzo(a)anthracene	21.26	228	2496	0.063	ng		94
31) Chrysene	21.32	228	5886	0.100	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	5116	0.077	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.24	276	2874	0.062	ng	#	75
35) Benzo(b)fluoranthene	22.96	252	2827	0.065	ng	#	87
36) Benzo(k)fluoranthene	23.01	252	5600m	0.089	ng		
37) Benzo(a)pyrene	23.59	252	2828	0.067	ng	#	70
38) Dibenzo(a,h)anthracene	26.28	278	2926m	0.075	ng		
39) Benzo(g,h,i)perylene	27.02	276	3792m	0.079	ng		

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

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