Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
Data File : BE101014.D
Acq On : 9 Jan 2020 16:17
Operator : JU
Sample : K5111-02
Misc : LOO-S-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL-02-QT4-2019

Manual Integrations APPROVED
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1/10/2020 1:08:19 PM

Quant Time: Jan 09 18:02:36 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 09 16:04:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3282	0.40	ng		-0.01
7) Naphthalene-d8	10.51	136	13920	0.40	ng		0.01
13) Acenaphthene-d10	14.37	164	8872	0.40	ng		0.01
19) Phenanthrene-d10	17.11	188	19444	0.40	ng		0.01
27) Chrysene-d12	21.28	240	13897	0.40	ng		0.00
34) Perylene-d12	23.70	264	15805	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2544	0.34	ng		-0.01
5) Phenol-d6	6.92	99	2823	0.30	ng		0.00
8) Nitrobenzene-d5	8.89	82	2966	0.30	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	8790	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	631	0.25	ng		0.01
15) 2-Fluorobiphenyl	13.00	172	12787	0.38	ng		0.00
25) Fluoranthene-d10	19.13	212	77059	0.29	ng		0.00
29) Terphenyl-d14	19.74	244	15188	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1133	0.135	ng	#	72
3) n-Nitrosodimethylamine	3.61	42	339	0.074	ng	#	83
6) bis(2-Chloroethyl)ether	7.16	93	814	0.073	ng		96
9) Naphthalene	10.55	128	14133	0.091	ng	#	97
10) Hexachlorobutadiene	10.85	225	556	0.085	ng		98
12) 2-Methylnaphthalene	12.18	142	2049	0.088	ng		97
16) Acenaphthylene	14.08	152	2647	0.073	ng		99
17) Acenaphthene	14.43	154	2066	0.080	ng		99
18) Fluorene	15.41	166	2555	0.078	ng		96
20) 4-Bromophenyl-phenylether	16.30	248	700	0.074	ng	#	87
21) Hexachlorobenzene	16.41	284	908	0.087	ng		97
22) Pentachlorophenol	16.76	266	386	0.150	ng		90
23) Phenanthrene	17.15	178	4085	0.077	ng		98
24) Anthracene	17.24	178	4146m	0.083	ng		
26) Fluoranthene	19.16	202	5064	0.076	ng		98
28) Pyrene	19.52	202	4996	0.097	ng		99
30) Benzo(a)anthracene	21.26	228	2836	0.072	ng		93
31) Chrysene	21.32	228	5423	0.092	ng		96
32) Bis(2-ethylhexyl)phthalate	21.20	149	4776	0.072	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	3278	0.070	ng	#	83
35) Benzo(b)fluoranthene	22.96	252	2690	0.061	ng	#	86
36) Benzo(k)fluoranthene	23.01	252	5423m	0.084	ng		
37) Benzo(a)pyrene	23.59	252	2908	0.068	ng	#	76
38) Dibenzo(a,h)anthracene	26.27	278	2905m	0.074	ng		
39) Benzo(g,h,i)perylene	27.02	276	3722	0.077	ng	#	92

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

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