Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011120\
Data File : BE101030.D
Acq On : 10 Jan 2020 19:26
Operator : JU
Sample : K3591-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL-02-QT3-2019

Quant Time: Jan 11 01:43:20 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	3143	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	14047	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8909	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	19084	0.40	ng		0.00
27) Chrysene-d12	21.28	240	14482	0.40	ng		0.00
34) Perylene-d12	23.69	264	17292	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2303	0.33	ng		0.00
5) Phenol-d6	6.92	99	2210	0.25	ng		0.00
8) Nitrobenzene-d5	8.89	82	2445	0.24	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	8376	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	534	0.21	ng		0.01
15) 2-Fluorobiphenyl	13.00	172	12461	0.37	ng		0.00
25) Fluoranthene-d10	19.13	212	73740	0.28	ng		0.00
29) Terphenyl-d14	19.74	244	14708	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1604m	0.127	ng		
3) n-Nitrosodimethylamine	3.63	42	251m	0.057	ng		
6) bis(2-Chloroethyl)ether	7.17	93	570	0.053	ng		86
9) Naphthalene	10.56	128	13801	0.088	ng	#	96
10) Hexachlorobutadiene	10.85	225	589	0.089	ng		96
12) 2-Methylnaphthalene	12.19	142	1971	0.084	ng		94
16) Acenaphthylene	14.08	152	2400	0.066	ng		96
17) Acenaphthene	14.43	154	1929	0.074	ng		94
18) Fluorene	15.41	166	2462	0.075	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	765	0.082	ng	#	81
21) Hexachlorobenzene	16.41	284	879	0.086	ng		97
22) Pentachlorophenol	16.76	266	280	0.328	ng		91
23) Phenanthrene	17.15	178	3926	0.075	ng		98
24) Anthracene	17.24	178	4179m	0.085	ng		
26) Fluoranthene	19.16	202	4927	0.075	ng		98
28) Pyrene	19.52	202	5019	0.093	ng		99
30) Benzo(a)anthracene	21.26	228	2572	0.062	ng		96
31) Chrysene	21.32	228	6163	0.100	ng		99
32) Bis(2-ethylhexyl)phthalate	21.20	149	5462	0.079	ng		99
33) Indeno(1,2,3-cd)pyrene	26.24	276	3924	0.081	ng	#	75
35) Benzo(b)fluoranthene	22.96	252	2984	0.062	ng	#	82
36) Benzo(k)fluoranthene	23.01	252	4892	0.070	ng	#	80
37) Benzo(a)pyrene	23.59	252	3567	0.076	ng	#	79
38) Dibenzo(a,h)anthracene	26.27	278	2760m	0.064	ng		
39) Benzo(g,h,i)perylene	27.01	276	4057	0.076	ng	#	89

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

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Instrument :
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