Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
Data File : BE101013.D
Acq On : 9 Jan 2020 15:23
Operator : JU
Sample : K5111-01
Misc : LOD-MDL-S-0.1NG
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Manual Integrations APPROVED
mohammad
1/10/2020 1:08:16 PM

Quant Time: Jan 10 14:20:26 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	7.73	152	3262	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	14140	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	8710	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	19239	0.40	ng		0.01
27) Chrysene-d12	21.28	240	13948	0.40	ng		0.00
34) Perylene-d12	23.70	264	15647	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2637	0.36	ng		0.00
5) Phenol-d6	6.91	99	2792	0.30	ng		0.00
8) Nitrobenzene-d5	8.89	82	3020	0.30	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	8516	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	634	0.26	ng		0.01
15) 2-Fluorobiphenyl	13.00	172	12755	0.39	ng		0.00
25) Fluoranthene-d10	19.13	212	76005	0.28	ng		0.00
29) Terphenyl-d14	19.74	244	15038	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1290	0.155	ng	#	69
3) n-Nitrosodimethylamine	3.62	42	478	0.105	ng	#	58
6) bis(2-Chloroethyl)ether	7.16	93	730	0.066	ng	#	92
9) Naphthalene	10.55	128	13773	0.088	ng	#	96
10) Hexachlorobutadiene	10.85	225	607	0.091	ng		98
12) 2-Methylnaphthalene	12.18	142	2022	0.085	ng		94
16) Acenaphthylene	14.08	152	2523	0.071	ng		99
17) Acenaphthene	14.43	154	1982	0.078	ng		96
18) Fluorene	15.41	166	2464	0.077	ng		100
20) 4-Bromophenyl-phenylether	16.30	248	726m	0.077	ng		
21) Hexachlorobenzene	16.41	284	892	0.087	ng		96
22) Pentachlorophenol	16.76	266	365	0.144	ng		93
23) Phenanthrene	17.13	178	4120	0.078	ng		99
24) Anthracene	17.24	178	3990	0.080	ng		97
26) Fluoranthene	19.16	202	5084	0.077	ng		98
28) Pyrene	19.52	202	4904	0.094	ng		99
30) Benzo(a)anthracene	21.27	228	2884m	0.072	ng		
31) Chrysene	21.32	228	5031	0.085	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	4987	0.075	ng		99
33) Indeno(1,2,3-cd)pyrene	26.26	276	3695	0.079	ng	#	68
35) Benzo(b)fluoranthene	22.96	252	2950	0.067	ng	#	85
36) Benzo(k)fluoranthene	23.01	252	5150m	0.081	ng		
37) Benzo(a)pyrene	23.59	252	2708	0.064	ng	#	77
38) Dibenzo(a,h)anthracene	26.27	278	2911m	0.075	ng		
39) Benzo(g,h,i)perylene	27.02	276	3571	0.074	ng	#	90

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

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