Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\
Data File : BE101117.D
Acq On : 22 Jan 2020 16:40
Operator : CG/JU
Sample : L1148-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-29-(4-6)MS

Manual Integrations APPROVED
mohammad
1/23/2020 1:53:36 PM

Quant Time: Jan 23 04:30:59 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	7.72	152	2624	0.40	ng		-0.01
7) Naphthalene-d8	10.50	136	11762	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	7040	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	15680	0.40	ng		0.00
27) Chrysene-d12	21.27	240	16537	0.40	ng		-0.01
34) Perylene-d12	23.69	264	20938	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	1813	0.31	ng		0.00
5) Phenol-d6	6.91	99	2924	0.39	ng		-0.01
8) Nitrobenzene-d5	8.87	82	2286	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.09	152	5533	0.25	ng		-0.01
14) 2,4,6-Tribromophenol	15.85	330	390	0.20	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	7302	0.27	ng		-0.01
25) Fluoranthene-d10	19.12	212	49006	0.23	ng		-0.01
29) Terphenyl-d14	19.72	244	12865	0.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	2711	0.441	ng	#	52
3) n-Nitrosodimethylamine	3.59	42	925	0.254	ng	#	74
6) bis(2-Chloroethyl)ether	7.15	93	2023	0.227	ng		97
9) Naphthalene	10.54	128	61570	0.471	ng		100
10) Hexachlorobutadiene	10.83	225	1429	0.258	ng		99
12) 2-Methylnaphthalene	12.17	142	6919	0.350	ng		98
16) Acenaphthylene	14.07	152	11392	0.397	ng		99
17) Acenaphthene	14.41	154	6065	0.296	ng		97
18) Fluorene	15.39	166	9338	0.360	ng		100
20) 4-Bromophenyl-phenylether	16.29	248	1967	0.257	ng		98
21) Hexachlorobenzene	16.40	284	2076	0.247	ng		99
23) Phenanthrene	17.13	178	31363	0.732	ng		99
24) Anthracene	17.23	178	17155	0.425	ng		96
26) Fluoranthene	19.15	202	44563	0.831	ng		100
28) Pyrene	19.51	202	48675	0.791	ng		98
30) Benzo(a)anthracene	21.26	228	33155	0.703	ng		95
31) Chrysene	21.30	228	36800	0.525	ng		97
32) Bis(2-ethylhexyl)phthalate	21.20	149	55676	0.708	ng		99
33) Indeno(1,2,3-cd)pyrene	26.24	276	33262	0.600	ng		96
35) Benzo(b)fluoranthene	22.95	252	39071	0.665	ng		98
36) Benzo(k)fluoranthene	23.00	252	35935m	0.422	ng		
37) Benzo(a)pyrene	23.58	252	33966	0.598	ng		99
38) Dibenzo(a,h)anthracene	26.27	278	16985	0.325	ng	#	94
39) Benzo(g,h,i)perylene	27.02	276	33033	0.514	ng		99

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

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