Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
Data File : BE100970.D
Acq On : 24 Dec 2019 12:16
Operator : JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Manual Integrations APPROVED
mohammad
12/26/2019 4:02:25 PM

Quant Time: Dec 24 13:54:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 11:32:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2731	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	13606	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	8341	0.40	ng		-0.01
19) Phenanthrene-d10	17.11	188	18280	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	21244	0.40	ng		0.00
34) Perylene-d12	23.72	264	23801	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	18252m	3.75	ng		0.00
5) Phenol-d6	6.92	99	28831m	4.85	ng		-0.07
8) Nitrobenzene-d5	8.89	82	29063	4.04	ng		-0.03
11) 2-Methylnaphthalene-d10	12.12	152	65811	3.21	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	8624	4.21	ng		-0.01
15) 2-Fluorobiphenyl	13.00	172	98249	3.33	ng		-0.01
25) Fluoranthene-d10	19.14	212	781024	3.41	ng		0.00
29) Terphenyl-d14	19.75	244	163701	3.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	17816	1.712	ng	#	82
3) n-Nitrosodimethylamine	3.63	42	10109	3.382	ng	#	82
6) bis(2-Chloroethyl)ether	7.17	93	30575	4.380	ng		86
9) Naphthalene	10.56	128	468682	3.189	ng		99
10) Hexachlorobutadiene	10.86	225	18899	3.009	ng		99
12) 2-Methylnaphthalene	12.19	142	70786	3.423	ng		98
16) Acenaphthylene	14.10	152	119155	3.467	ng		100
17) Acenaphthene	14.44	154	77598	3.320	ng		99
18) Fluorene	15.41	166	101845	3.443	ng		99
20) 4-Bromophenyl-phenylether	16.30	248	29202	3.592	ng	#	90
21) Hexachlorobenzene	16.42	284	31441	3.392	ng		99
22) Pentachlorophenol	16.77	266	6271m	4.575	ng		
23) Phenanthrene	17.15	178	172267	3.615	ng		99
24) Anthracene	17.24	178	160659m	5.018	ng		
26) Fluoranthene	19.17	202	232798	3.520	ng		98
28) Pyrene	19.53	202	238395	3.139	ng		99
30) Benzo(a)anthracene	21.27	228	209719	3.766	ng		99
31) Chrysene	21.33	228	268395m	3.824	ng		
32) Bis(2-ethylhexyl)phthalate	21.22	149	397064	2.266	ng		100
33) Indeno(1,2,3-cd)pyrene	26.28	276	244200	3.326	ng	#	91
35) Benzo(b)fluoranthene	22.98	252	203321	3.852	ng		97
36) Benzo(k)fluoranthene	23.02	252	289205	4.106	ng		95
37) Benzo(a)pyrene	23.61	252	204766	3.406	ng	#	92
38) Dibenzo(a,h)anthracene	26.31	278	192778	3.807	ng		96
39) Benzo(g,h,i)perylene	27.06	276	217868	3.481	ng		97

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

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