Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118227.D
Acq On : 17 Dec 2019 15:37
Operator : JU
Sample : K6284-01MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 42-SPRUCEMSD

Manual Integrations APPROVED
mohammad
12/18/2019 2:41:08 PM

Quant Time: Dec 18 05:35:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	144334	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	589952	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	322943	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	585889	20.00	ng		0.00
76) Chrysene-d12	14.06	240	375299	20.00	ng		0.00
87) Perylene-d12	15.55	264	336249	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	781560	94.84	ng		0.00
7) Phenol-d6	6.50	99	1007717	101.10	ng		0.00
23) Nitrobenzene-d5	7.43	82	613685	58.52	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	357521	91.13	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1301932	61.34	ng		-0.01
79) Terphenyl-d14	13.00	244	1449555	66.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	115262	33.171	ng		97
3) Pyridine	3.45	79	281768	31.431	ng		98
4) n-Nitrosodimethylamine	3.40	42	148182	38.423	ng		94
6) Aniline	6.53	93	200646	15.737	ng		97
8) 2-Chlorophenol	6.65	128	389205	41.885	ng		100
9) Benzaldehyde	6.41	77	128714	20.790	ng		97
10) Phenol	6.51	94	476808	41.946	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	324227	39.438	ng		96
12) 1,3-Dichlorobenzene	6.80	146	409597	37.734	ng		96
13) 1,4-Dichlorobenzene	6.88	146	423036	38.703	ng		98
14) 1,2-Dichlorobenzene	7.03	146	400515	39.018	ng		98
15) Benzyl Alcohol	7.00	79	325588	41.846	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	385508	39.000	ng		92
17) 2-Methylphenol	7.12	107	308029	41.679	ng		98
18) Hexachloroethane	7.37	117	152008	37.742	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	251384	41.505	ng		98
20) 3+4-Methylphenols	7.27	107	401926	43.296	ng		97
22) Acetophenone	7.27	105	530985	37.463	ng	#	97
24) Nitrobenzene	7.45	77	386443	37.508	ng		99
25) Isophorone	7.69	82	692318	38.945	ng		98
26) 2-Nitrophenol	7.76	139	215741	39.177	ng		91
27) 2,4-Dimethylphenol	7.80	122	325671	44.336	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	436931	37.614	ng		99
29) 2,4-Dichlorophenol	8.01	162	336795	39.331	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	363075	36.281	ng		98
31) Naphthalene	8.17	128	1146957	38.711	ng		100
32) Benzoic acid	7.93	122	185912	28.031	ng		98
33) 4-Chloroaniline	8.22	127	89709	7.012	ng		97
34) Hexachlorobutadiene	8.29	225	217273	36.207	ng		99
35) Caprolactam	8.60	113	96591m	36.577	ng		
36) 4-Chloro-3-methylphenol	8.72	107	360174	39.968	ng		97
37) 2-Methylnaphthalene	8.86	142	794715	39.619	ng		99
38) 1-Methylnaphthalene	8.96	142	742391	39.417	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	358246	36.619	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	361135	82.389	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	248736	38.080	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	258541	38.204	ng		97
46) 1,1'-Biphenyl	9.33	154	970784	38.115	ng		99
47) 2-Chloronaphthalene	9.36	162	743681	36.298	ng		96
48) 2-Nitroaniline	9.46	65	199455	34.137	ng		96
49) Acenaphthylene	9.77	152	1180597	39.068	ng		99
50) Dimethylphthalate	9.63	163	950772	39.858	ng		99
51) 2,6-Dinitrotoluene	9.70	165	200928	38.738	ng		99
52) Acenaphthene	9.95	154	688854	37.347	ng		98
53) 3-Nitroaniline	9.87	138	86509	14.172	ng		97
54) 2,4-Dinitrophenol	9.98	184	172013	66.657	ng		99
55) Dibenzofuran	10.12	168	1032731	38.212	ng		99
56) 4-Nitrophenol	10.05	139	290246	68.515	ng		97
57) 2,4-Dinitrotoluene	10.11	165	264934	38.268	ng		95
58) Fluorene	10.46	166	827212	38.515	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	215699	38.633	ng		99
60) Diethylphthalate	10.33	149	915233	38.942	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	414007	38.310	ng		95
62) 4-Nitroaniline	10.49	138	203720	31.999	ng		99
63) Azobenzene	10.62	77	775225	38.639	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	129550	40.039	ng		90
66) n-Nitrosodiphenylamine	10.57	169	729694	39.882	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	261445	39.091	ng	#	92
68) Hexachlorobenzene	11.02	284	294605	37.425	ng		98
69) Atrazine	11.10	200	218169	44.558	ng		98
70) Pentachlorophenol	11.22	266	269013	72.668	ng		98
71) Phenanthrene	11.43	178	1253152	40.236	ng		99
72) Anthracene	11.49	178	1237065	39.816	ng		100
73) Carbazole	11.64	167	1050115	37.671	ng		100
74) Di-n-butylphthalate	11.96	149	1432476	41.060	ng		99
75) Fluoranthene	12.63	202	1304135	40.955	ng		98
77) Benzidine	12.75	184	250324	25.337	ng		99
78) Pyrene	12.86	202	1344359	45.456	ng		99
80) Butylbenzylphthalate	13.47	149	575251	42.948	ng		100
81) Benzo(a)anthracene	14.05	228	1031698	39.756	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	128480	15.075	ng		100
83) Chrysene	14.09	228	992040	40.020	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	840411	47.584	ng		100
85) Di-n-octyl phthalate	14.64	149	1302949	48.701	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	870062	41.715	ng		99
88) Benzo(b)fluoranthene	15.12	252	874179	39.309	ng		99
89) Benzo(k)fluoranthene	15.14	252	818517	38.313	ng		99
90) Benzo(a)pyrene	15.49	252	798357	40.648	ng		98
91) Dibenzo(a,h)anthracene	17.08	278	718536	42.653	ng		99
92) Benzo(g,h,i)perylene	17.52	276	715132	44.177	ng		98

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

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