Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118221.D
Acq On : 17 Dec 2019 2:46
Operator : JU
Sample : K6284-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
42-SPRUCEMSD

Manual Integrations APPROVED
mohammad
12/17/2019 3:19:35 PM

Quant Time: Dec 17 04:58:49 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	105845	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	413853	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	210369	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	367155	20.00	ng	0.00
76) Chrysene-d12	14.06	240	220573	20.00	ng	0.00
87) Perylene-d12	15.55	264	273624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	727877	120.45	ng	0.00
7) Phenol-d6	6.50	99	927179	126.85	ng	0.00
23) Nitrobenzene-d5	7.43	82	552986	75.17	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	292807	114.57	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1118481	80.90	ng	0.00
79) Terphenyl-d14	13.00	244	1019833	79.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	107269	42.097	ng	98
3) Pyridine	3.41	79	261901	39.838	ng	98
4) n-Nitrosodimethylamine	3.36	42	136531	48.275	ng	99
6) Aniline	6.53	93	203096	21.721	ng	97
8) 2-Chlorophenol	6.65	128	355140	52.117	ng	98
9) Benzaldehyde	6.41	77	118267	28.236	ng	98
10) Phenol	6.52	94	431302	51.740	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	294688	48.879	ng	99
12) 1,3-Dichlorobenzene	6.80	146	382507	48.052	ng	98
13) 1,4-Dichlorobenzene	6.88	146	391762	48.875	ng	100
14) 1,2-Dichlorobenzene	7.03	146	364168	48.378	ng	97
15) Benzyl Alcohol	7.01	79	289999	50.825	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	335131	46.232	ng	94
17) 2-Methylphenol	7.12	107	276070	50.938	ng	99
18) Hexachloroethane	7.37	117	138104	46.758	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	217197	48.900	ng	100
20) 3+4-Methylphenols	7.27	107	350984	51.558	ng	97
22) Acetophenone	7.27	105	474492	47.723	ng	99
24) Nitrobenzene	7.45	77	342978	47.454	ng	100
25) Isophorone	7.69	82	603133	48.364	ng	99
26) 2-Nitrophenol	7.77	139	192818	49.913	ng	97
27) 2,4-Dimethylphenol	7.80	122	291004	56.474	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	376207	46.168	ng	99
29) 2,4-Dichlorophenol	8.01	162	292751	48.734	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	324596	46.237	ng	99
31) Naphthalene	8.17	128	1017270	48.943	ng	99
32) Benzoic acid	7.94	122	210156	45.170	ng	97
33) 4-Chloroaniline	8.22	127	54775	6.103	ng	98
34) Hexachlorobutadiene	8.29	225	189224	44.950	ng	100
35) Caprolactam	8.60	113	88766m	47.917	ng	
36) 4-Chloro-3-methylphenol	8.72	107	308031	48.727	ng	96
37) 2-Methylnaphthalene	8.87	142	687514	48.859	ng	100
38) 1-Methylnaphthalene	8.97	142	639696	48.417	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	306565	48.105	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	208664	73.079	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	208838	49.080	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	222764	50.532	ng		99
46) 1,1'-Biphenyl	9.33	154	827965	49.903	ng		99
47) 2-Chloronaphthalene	9.36	162	639233	47.896	ng		96
48) 2-Nitroaniline	9.46	65	173600	45.612	ng		99
49) Acenaphthylene	9.77	152	1021984	51.917	ng		99
50) Dimethylphthalate	9.63	163	795840	51.216	ng		99
51) 2,6-Dinitrotoluene	9.70	165	169990	50.311	ng		98
52) Acenaphthene	9.95	154	580093	48.280	ng		99
53) 3-Nitroaniline	9.87	138	67325	16.931	ng		95
54) 2,4-Dinitrophenol	9.98	184	106580	63.403	ng		96
55) Dibenzofuran	10.12	168	879490	49.956	ng		99
56) 4-Nitrophenol	10.04	139	247968	89.859	ng		99
57) 2,4-Dinitrotoluene	10.11	165	226005	50.114	ng		90
58) Fluorene	10.47	166	695036	49.678	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	179881	49.459	ng		100
60) Diethylphthalate	10.33	149	741527	48.435	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	340571	48.379	ng		100
62) 4-Nitroaniline	10.49	138	159032	38.347	ng		96
63) Azobenzene	10.62	77	637296	48.763	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	83856	41.357	ng		91
66) n-Nitrosodiphenylamine	10.57	169	604239	52.700	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	211718	50.516	ng	#	90
68) Hexachlorobenzene	11.02	284	234691	47.575	ng		99
69) Atrazine	11.10	200	176202	76.154	ng		98
70) Pentachlorophenol	11.22	266	224697	96.857	ng		99
71) Phenanthrene	11.43	178	1027825	52.662	ng		100
72) Anthracene	11.49	178	999290	51.324	ng		100
73) Carbazole	11.64	167	840022	48.086	ng		99
74) Di-n-butylphthalate	11.97	149	1094428	50.059	ng		99
75) Fluoranthene	12.63	202	950520	47.634	ng		99
77) Benzidine	12.74	184	247019	42.541	ng		98
78) Pyrene	12.86	202	942586	54.227	ng		99
80) Butylbenzylphthalate	13.47	149	364737	46.333	ng		99
81) Benzo(a)anthracene	14.05	228	783697	51.384	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	192785	38.487	ng		99
83) Chrysene	14.09	228	759187	52.110	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	487051	46.921	ng		100
85) Di-n-octyl phthalate	14.64	149	788115	50.121	ng		99
86) Indeno(1,2,3-cd)pyrene	17.07	276	883456	72.069	ng		100
88) Benzo(b)fluoranthene	15.12	252	844237	46.652	ng		98
89) Benzo(k)fluoranthene	15.14	252	794755	45.715	ng		98
90) Benzo(a)pyrene	15.49	252	819966	51.303	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	741750	54.109	ng		99
92) Benzo(g,h,i)perylene	17.52	276	686900	52.144	ng		99

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

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