Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
Data File : BF118068.D
Acq On : 3 Dec 2019 18:01
Operator : JU
Sample : K6069-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3MSD

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:34 PM

Quant Time: Dec 04 00:47:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125380	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	491664	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	262882	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	497377	20.00	ng	0.00
76) Chrysene-d12	14.07	240	341629	20.00	ng	0.00
87) Perylene-d12	15.57	264	328381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	869059	122.69	ng	0.01
7) Phenol-d6	6.51	99	1111252	130.07	ng	0.00
23) Nitrobenzene-d5	7.44	82	683725	82.67	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	377526	135.65	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1401304	95.63	ng	0.00
79) Terphenyl-d14	13.01	244	1698635	90.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	117555	35.505	ng	98
3) Pyridine	3.45	79	282756	32.556	ng	99
4) n-Nitrosodimethylamine	3.39	42	145793	38.455	ng	98
6) Aniline	6.54	93	162761	14.417	ng	98
8) 2-Chlorophenol	6.66	128	363795	47.333	ng	98
9) Benzaldehyde	6.42	77	131196	20.082	ng	97
10) Phenol	6.52	94	438493	49.392	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	303508	42.572	ng	97
12) 1,3-Dichlorobenzene	6.82	146	395694	43.730	ng	97
13) 1,4-Dichlorobenzene	6.89	146	400298	43.766	ng	99
14) 1,2-Dichlorobenzene	7.05	146	376825	43.078	ng	98
15) Benzyl Alcohol	7.02	79	307551	46.627	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	370928	33.793	ng	99
17) 2-Methylphenol	7.13	107	290160	44.580	ng	97
18) Hexachloroethane	7.39	117	145616	43.339	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	230519	43.736	ng	99
20) 3+4-Methylphenols	7.28	107	369270	45.704	ng	96
22) Acetophenone	7.29	105	486231	44.018	ng	95
24) Nitrobenzene	7.46	77	358359	42.000	ng	92
25) Isophorone	7.70	82	636491	41.987	ng	99
26) 2-Nitrophenol	7.77	139	201506	48.521	ng	96
27) 2,4-Dimethylphenol	7.82	122	314479	48.732	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	397293	41.301	ng	99
29) 2,4-Dichlorophenol	8.02	162	307886	43.984	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	338970	41.748	ng	99
31) Naphthalene	8.19	128	1059300	46.216	ng	100
32) Benzoic acid	7.93	122	201274	37.250	ng	98
33) 4-Chloroaniline	8.23	127	61946	6.037	ng	98
34) Hexachlorobutadiene	8.30	225	195711	41.227	ng	98
35) Caprolactam	8.60	113	95778m	43.053	ng	
36) 4-Chloro-3-methylphenol	8.72	107	329298	46.354	ng	98
37) 2-Methylnaphthalene	8.88	142	723870	46.741	ng	98
38) 1-Methylnaphthalene	8.98	142	669408	45.721	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	324122	42.456	ng	99

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Quant Time: Dec 04 00:47:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	345130	80.670	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	224266	41.013	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	239072	42.109	ng		99
46) 1,1'-Biphenyl	9.35	154	869857	44.600	ng		99
47) 2-Chloronaphthalene	9.37	162	676212	42.146	ng		98
48) 2-Nitroaniline	9.47	65	191449	39.524	ng		95
49) Acenaphthylene	9.79	152	1093681	46.754	ng		99
50) Dimethylphthalate	9.65	163	930871	50.496	ng		99
51) 2,6-Dinitrotoluene	9.71	165	185733	46.100	ng		95
52) Acenaphthene	9.96	154	633546	42.279	ng		98
53) 3-Nitroaniline	9.87	138	60368	12.522	ng		99
54) 2,4-Dinitrophenol	9.99	184	150603	73.406	ng		97
55) Dibenzofuran	10.13	168	951954	45.876	ng		99
56) 4-Nitrophenol	10.05	139	295503	82.119	ng		99
57) 2,4-Dinitrotoluene	10.12	165	245718	47.945	ng	#	85
58) Fluorene	10.48	166	748389	46.541	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	196312	42.083	ng		99
60) Diethylphthalate	10.35	149	794083	44.184	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	366146	44.869	ng		98
62) 4-Nitroaniline	10.50	138	195290	40.458	ng		99
63) Azobenzene	10.63	77	709198	43.374	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	113838	49.027	ng		79
66) n-Nitrosodiphenylamine	10.59	169	666551	46.048	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	232461	43.316	ng		96
68) Hexachlorobenzene	11.03	284	267065	42.677	ng		94
69) Atrazine	11.12	200	202178	42.460	ng		98
70) Pentachlorophenol	11.23	266	277370	75.868	ng		99
71) Phenanthrene	11.45	178	1134528	45.369	ng		99
72) Anthracene	11.50	178	1160772	46.818	ng		100
73) Carbazole	11.65	167	1017472	46.962	ng		100
74) Di-n-butylphthalate	11.98	149	1254158	46.492	ng		100
75) Fluoranthene	12.64	202	1152461	51.736	ng		99
77) Benzidine	12.76	184	329826	29.474	ng		100
78) Pyrene	12.87	202	1163414	42.139	ng		100
80) Butylbenzylphthalate	13.49	149	522115	44.031	ng		98
81) Benzo(a)anthracene	14.06	228	966917	42.831	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	150704	19.084	ng		97
83) Chrysene	14.10	228	941012	43.017	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	724668	50.408	ng		98
85) Di-n-octyl phthalate	14.66	149	1124421	53.240	ng		99
86) Indeno(1,2,3-cd)pyrene	17.09	276	942926	50.645	ng		100
88) Benzo(b)fluoranthene	15.13	252	853549	40.007	ng		99
89) Benzo(k)fluoranthene	15.16	252	860550	42.808	ng		99
90) Benzo(a)pyrene	15.50	252	816314	43.512	ng		98
91) Dibenzo(a,h)anthracene	17.10	278	789570	48.897	ng		99
92) Benzo(g,h,i)perylene	17.54	276	793855	49.358	ng		99

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

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