Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111248.D
Acq On : 10 Dec 2018 18:02
Operator : JU/SJ
Sample : PB115276BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115276BS

Manual Integrations APPROVED
Sohil
12/11/2018 2:23:29 PM

Quant Time: Dec 11 04:58:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	562789	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	2340839	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1116387	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1874352	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1220814	20.00	ng		0.00
87) Perylene-d12	15.39	264	1049937	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3822128	107.24	ng		0.02
7) Phenol-d6	6.44	99	4877626	110.12	ng		0.00
23) Nitrobenzene-d5	7.36	82	2604478	62.41	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1043435	105.51	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4252552	60.53	ng		0.00
79) Terphenyl-d14	12.91	244	3815285	74.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	663713	36.295	ng		99
3) Pyridine	3.36	79	1815855	37.377	ng		99
4) n-Nitrosodimethylamine	3.30	42	854708	41.264	ng		98
6) Aniline	6.46	93	1853720	31.390	ng		98
8) 2-Chlorophenol	6.59	128	1604353	39.602	ng		98
9) Benzaldehyde	6.35	77	697957	24.242	ng		99
10) Phenol	6.45	94	1971437	38.066	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	1533452	38.284	ng		99
12) 1,3-Dichlorobenzene	6.75	146	1643984	37.767	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1654609	37.645	ng		97
14) 1,2-Dichlorobenzene	6.97	146	1550725	37.828	ng		98
15) Benzyl Alcohol	6.94	79	1396843	39.852	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2972512	39.638	ng		100
17) 2-Methylphenol	7.06	107	1384176	41.850	ng		99
18) Hexachloroethane	7.32	117	637241	38.080	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	1142185	38.495	ng		97
20) 3+4-Methylphenols	7.21	107	1576954	40.085	ng		99
22) Acetophenone	7.21	105	2097680	39.165	ng	#	97
24) Nitrobenzene	7.38	77	1714270	39.466	ng		96
25) Isophorone	7.62	82	3179696	44.732	ng		99
26) 2-Nitrophenol	7.70	139	856890	39.705	ng		98
27) 2,4-Dimethylphenol	7.74	122	1513825	45.394	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	2036827	41.379	ng		99
29) 2,4-Dichlorophenol	7.94	162	1364612	40.019	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1317695	39.230	ng		99
31) Naphthalene	8.10	128	4420347	43.267	ng		99
32) Benzoic acid	7.86	122	1171454	42.479	ng		97
33) 4-Chloroaniline	8.15	127	1139650	23.225	ng		97
34) Hexachlorobutadiene	8.23	225	700754	37.795	ng		97
35) Caprolactam	8.52	113	477659m	39.531	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1454472	41.660	ng		96
37) 2-Methylnaphthalene	8.80	142	3031012	44.686	ng		98
38) 1-Methylnaphthalene	8.90	142	2871846	43.235	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1057757	34.051	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1422524	80.410	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	898376	38.528	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	912604	37.571	ng	94
46) 1,1'-Biphenyl	9.26	154	3358287	36.190	ng	99
47) 2-Chloronaphthalene	9.29	162	2700998	36.976	ng	99
48) 2-Nitroaniline	9.37	65	960703	38.554	ng	99
49) Acenaphthylene	9.70	152	4155757	39.188	ng	99
50) Dimethylphthalate	9.56	163	3054123	37.077	ng	100
51) 2,6-Dinitrotoluene	9.62	165	730356	40.149	ng	94
52) Acenaphthene	9.87	154	2772216	41.657	ng	99
53) 3-Nitroaniline	9.79	138	568288	25.309	ng	93
54) 2,4-Dinitrophenol	9.89	184	597224	83.079	ng	97
55) Dibenzofuran	10.05	168	3619639	39.980	ng	98
56) 4-Nitrophenol	9.95	139	1308011	74.796	ng	99
57) 2,4-Dinitrotoluene	10.02	165	972320	43.357	ng	93
58) Fluorene	10.39	166	2672398	38.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	748817	40.670	ng	100
60) Diethylphthalate	10.27	149	2972845	37.855	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1209855	34.780	ng	99
62) 4-Nitroaniline	10.40	138	814538	38.339	ng	99
63) Azobenzene	10.54	77	3130838	38.399	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	392536	35.635	ng	84
66) n-Nitrosodiphenylamine	10.50	169	2532915	39.698	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	779586	37.974	ng	95
68) Hexachlorobenzene	10.94	284	800542	38.333	ng	99
69) Atrazine	11.03	200	785485	40.484	ng	97
70) Pentachlorophenol	11.13	266	945617	62.417	ng	99
71) Phenanthrene	11.35	178	3754354	39.712	ng	99
72) Anthracene	11.40	178	3846277	38.887	ng	99
73) Carbazole	11.55	167	3621236	35.014	ng	99
74) Di-n-butylphthalate	11.89	149	4183202	39.352	ng	99
75) Fluoranthene	12.53	202	3681267	42.626	ng	97
77) Benzidine	12.65	184	1924048	53.079	ng	99
78) Pyrene	12.76	202	3735014	42.813	ng	98
80) Butylbenzylphthalate	13.39	149	1862247	40.868	ng	95
81) Benzo(a)anthracene	13.94	228	2823489	41.456	ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	775411	27.777	ng	99
83) Chrysene	13.99	228	2814130	40.079	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2120731	39.167	ng	99
85) Di-n-octyl phthalate	14.56	149	3713441	40.917	ng	100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2440437	43.057	ng	99
88) Benzo(b)fluoranthene	14.98	252	2630988	45.312	ng	98
89) Benzo(k)fluoranthene	15.02	252	2265295	41.496	ng	99
90) Benzo(a)pyrene	15.34	252	2341037	43.783	ng	98
91) Dibenzo(a,h)anthracene	16.83	278	2023625	48.185	ng	99
92) Benzo(g,h,i)perylene	17.24	276	2079672	49.468	ng	97

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

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