Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106488.D
Acq On : 15 Jun 2018 13:41
Operator : JU/SJ
Sample : PB110238BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110238BS

Manual Integrations APPROVED
Sohil
6/18/2018 10:38:16 AM

Quant Time: Jun 15 23:40:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127386	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	493510	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	238558	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	493895	20.00	ng		0.00
75) Chrysene-d12	14.16	240	399995	20.00	ng		0.00
86) Perylene-d12	15.69	264	309345	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	864940	114.92	ng		0.00
7) Phenol-d6	6.61	99	1068069	112.32	ng		0.00
23) Nitrobenzene-d5	7.53	82	747090	89.06	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	341363	148.72	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1255354	97.97	ng		0.00
78) Terphenyl-d14	13.09	244	1413067	87.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	134495	34.528	ng		96
3) Pyridine	3.65	79	402053	37.039	ng		97
4) n-Nitrosodimethylamine	3.62	42	183291	36.859	ng	#	93
6) Aniline	6.63	93	204592	14.734	ng	#	1
8) 2-Chlorophenol	6.76	128	326940	40.394	ng		96
9) Benzaldehyde	6.52	77	214656	29.761	ng		98
10) Phenol	6.62	94	413149	39.799	ng		86
11) bis(2-Chloroethyl)ether	6.70	93	338568	38.098	ng		98
12) 1,3-Dichlorobenzene	6.91	146	374581	39.322	ng		99
13) 1,4-Dichlorobenzene	6.98	146	380611	39.373	ng		99
14) 1,2-Dichlorobenzene	7.14	146	353358	38.830	ng		99
15) Benzyl Alcohol	7.11	79	312192	38.337	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	498777	39.154	ng		72
17) 2-Methylphenol	7.22	107	281564	38.991	ng	#	91
18) Hexachloroethane	7.48	117	137402	39.890	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	232598	32.604	ng		95
20) 3+4-Methylphenols	7.38	107	349477	37.843	ng	#	74
22) Acetophenone	7.37	105	454861	36.574	ng	#	95
24) Nitrobenzene	7.55	77	383946	42.109	ng		96
25) Isophorone	7.78	82	678530	41.410	ng		98
26) 2-Nitrophenol	7.87	139	183321	51.798	ng		99
27) 2,4-Dimethylphenol	7.90	122	306618	44.202	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	427058	40.195	ng		98
29) 2,4-Dichlorophenol	8.11	162	294242	43.968	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	305304	40.688	ng		94
31) Naphthalene	8.27	128	926119	41.513	ng		99
32) Benzoic acid	8.02	122	190100	38.802	ng		89
33) 4-Chloroaniline	8.31	127	78516	7.942	ng		94
34) Hexachlorobutadiene	8.38	225	194894	40.429	ng		98
35) Caprolactam	8.69	113	97491m	43.069	ng		
36) 4-Chloro-3-methylphenol	8.81	107	315831	42.665	ng		97
37) 2-Methylnaphthalene	8.97	142	646922	42.575	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	319147	41.211	ng		99
40) Hexachlorocyclopentadiene	9.11	237	394687	92.373	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	225655	45.723	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	231032	43.424	ng		93
45) 1,1'-Biphenyl	9.42	154	755394	40.882	ng		99
46) 2-Chloronaphthalene	9.45	162	612980	41.454	ng		98
47) 2-Nitroaniline	9.55	65	218252	46.919	ng		94
48) Acenaphthylene	9.87	152	969430	42.832	ng		98
49) Dimethylphthalate	9.72	163	716433	42.035	ng		99
50) 2,6-Dinitrotoluene	9.79	165	158605	45.557	ng		91
51) Acenaphthene	10.04	154	565149	38.665	ng		98
52) 3-Nitroaniline	9.96	138	59335	14.360	ng		99
53) 2,4-Dinitrophenol	10.07	184	179419	108.776	ng	#	18
54) Dibenzofuran	10.22	168	832861	42.315	ng		97
55) 4-Nitrophenol	10.15	139	238843	75.411	ng		91
56) 2,4-Dinitrotoluene	10.20	165	219571	50.224	ng	#	98
57) Fluorene	10.56	166	635719	40.766	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	203446	48.246	ng	#	82
59) Diethylphthalate	10.42	149	684790	40.480	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	327826	39.968	ng		90
61) 4-Nitroaniline	10.58	138	177348	44.114	ng		97
62) Azobenzene	10.71	77	707128	40.088	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	125263	47.144	ng		82
65) n-Nitrosodiphenylamine	10.67	169	612870	36.922	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	234268	41.703	ng	#	81
67) Hexachlorobenzene	11.11	284	238888	41.249	ng	#	86
68) Atrazine	11.20	200	210118	41.076	ng		94
69) Pentachlorophenol	11.31	266	229456	64.354	ng		99
70) Phenanthrene	11.53	178	976968	40.391	ng		99
71) Anthracene	11.58	178	995997	41.103	ng		97
72) Carbazole	11.74	167	909942	40.675	ng		98
73) Di-n-butylphthalate	12.05	149	1035966	41.608	ng		99
74) Fluoranthene	12.72	202	1080112	41.873	ng		97
76) Benzidine	12.84	184	377263	28.339	ng		98
77) Pyrene	12.95	202	1109328	44.298	ng		97
79) Butylbenzylphthalate	13.55	149	464284	49.529	ng		95
80) Benzo(a)anthracene	14.15	228	1003227	42.146	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	141121	17.572	ng	#	97
82) Chrysene	14.18	228	918682	42.272	ng		97
83) Bis(2-ethylhexyl)phthalate	14.11	149	597364	44.445	ng		99
84) Di-n-octyl phthalate	14.75	149	854207	44.085	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	779360	44.934	ng	#	94
87) Benzo(b)fluoranthene	15.24	252	767536	41.046	ng		96
88) Benzo(k)fluoranthene	15.27	252	753943	40.711	ng	#	97
89) Benzo(a)pyrene	15.63	252	722208	42.939	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	642917	45.849	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	693086	50.860	ng	#	93

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

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