Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106366.D
Acq On : 13 Jun 2018 1:26
Operator : JU/SJ
Sample : PB110114BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110114BSD

Manual Integrations APPROVED
Sohil
6/13/2018 4:56:32 PM

Quant Time: Jun 13 04:49:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	146994	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	512841	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	214595	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	400304	20.00	ng		0.00
75) Chrysene-d12	14.16	240	374257	20.00	ng		0.00
86) Perylene-d12	15.69	264	283476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1036895	119.39	ng		0.04
7) Phenol-d6	6.62	99	1237592	112.79	ng		0.04
23) Nitrobenzene-d5	7.54	82	798523	91.60	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	291852	141.35	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1197126	107.39	ng		0.00
78) Terphenyl-d14	13.10	244	1383592	91.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	134432	29.908	ng		94
3) Pyridine	3.64	79	418475	33.409	ng		98
4) n-Nitrosodimethylamine	3.60	42	198217	34.544	ng		93
6) Aniline	6.64	93	281941	17.596	ng	#	9
8) 2-Chlorophenol	6.78	128	358658	38.401	ng		100
9) Benzaldehyde	6.53	77	260576	31.308	ng		99
10) Phenol	6.64	94	461374	38.516	ng	#	68
11) bis(2-Chloroethyl)ether	6.71	93	392011	38.228	ng		98
12) 1,3-Dichlorobenzene	6.92	146	404219	36.773	ng		100
13) 1,4-Dichlorobenzene	7.00	146	411458	36.886	ng		97
14) 1,2-Dichlorobenzene	7.15	146	382093	36.387	ng		98
15) Benzyl Alcohol	7.12	79	320519	34.109	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	554068	37.692	ng	#	35
17) 2-Methylphenol	7.25	107	300415	36.052	ng	#	89
18) Hexachloroethane	7.49	117	126790	31.899	ng		92
19) n-Nitroso-di-n-propylamine	7.38	70	272671	33.123	ng		97
20) 3+4-Methylphenols	7.40	107	419240	39.342	ng		93
22) Acetophenone	7.38	105	506368	39.180	ng	#	97
24) Nitrobenzene	7.56	77	390045	41.165	ng		99
25) Isophorone	7.80	82	712821	41.863	ng		98
26) 2-Nitrophenol	7.87	139	181309	49.299	ng		95
27) 2,4-Dimethylphenol	7.92	122	318038	44.120	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	456593	41.355	ng		98
29) 2,4-Dichlorophenol	8.14	162	307823	44.264	ng		96
30) 1,2,4-Trichlorobenzene	8.20	180	311917	40.002	ng		97
31) Naphthalene	8.28	128	938322	40.474	ng		99
32) Benzoic acid	8.03	122	153009	31.698	ng		91
33) 4-Chloroaniline	8.32	127	114007	11.097	ng		95
34) Hexachlorobutadiene	8.39	225	207304	41.382	ng		98
35) Caprolactam	8.70	113	90321	38.398	ng		96
36) 4-Chloro-3-methylphenol	8.83	107	296979	38.606	ng		97
37) 2-Methylnaphthalene	8.97	142	625617	39.621	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	313125	44.948	ng	#	97
40) Hexachlorocyclopentadiene	9.12	237	52723	13.717	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	205802	46.357	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	176313m	36.840	ng		
45) 1,1'-Biphenyl	9.44	154	725295	43.636	ng		99
46) 2-Chloronaphthalene	9.47	162	565707	42.530	ng		96
47) 2-Nitroaniline	9.56	65	194570	46.499	ng		90
48) Acenaphthylene	9.88	152	874517	42.953	ng		99
49) Dimethylphthalate	9.73	163	693913	45.260	ng		99
50) 2,6-Dinitrotoluene	9.80	165	136330	43.532	ng		91
51) Acenaphthene	10.05	154	517905	39.389	ng		98
52) 3-Nitroaniline	9.97	138	100091	26.928	ng		97
53) 2,4-Dinitrophenol	10.07	184	50086	39.697	ng	#	19
54) Dibenzofuran	10.22	168	735030	41.514	ng		98
55) 4-Nitrophenol	10.17	139	192926	67.715	ng		90
56) 2,4-Dinitrotoluene	10.20	165	174342	44.331	ng		96
57) Fluorene	10.57	166	570612	40.677	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	169901	44.790	ng	#	83
59) Diethylphthalate	10.43	149	641105	42.130	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	299196	40.551	ng		92
61) 4-Nitroaniline	10.58	138	131460	36.351	ng		96
62) Azobenzene	10.71	77	621207	39.149	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	44850	24.340	ng		86
65) n-Nitrosodiphenylamine	10.67	169	537744	39.970	ng		95
66) 4-Bromophenyl-phenylether	11.05	248	196816	43.228	ng	#	83
67) Hexachlorobenzene	11.11	284	197547	42.086	ng	#	90
68) Atrazine	11.20	200	177861	42.899	ng		96
69) Pentachlorophenol	11.32	266	178957	61.925	ng		99
70) Phenanthrene	11.54	178	834931	42.589	ng		99
71) Anthracene	11.58	178	853747	43.470	ng		98
72) Carbazole	11.74	167	782460	43.154	ng		98
73) Di-n-butylphthalate	12.06	149	945721	46.864	ng		100
74) Fluoranthene	12.72	202	960625	45.947	ng		98
76) Benzidine	12.85	184	747033	59.975	ng		99
77) Pyrene	12.96	202	983689	41.983	ng		98
79) Butylbenzylphthalate	13.57	149	444478	50.677	ng	#	94
80) Benzo(a)anthracene	14.15	228	940168	42.213	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	338700	45.073	ng	#	96
82) Chrysene	14.19	228	868242	42.699	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	618685	49.197	ng		99
84) Di-n-octyl phthalate	14.75	149	1036914	57.194	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	671494	41.378	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	765575	44.677	ng		96
88) Benzo(k)fluoranthene	15.27	252	703745	41.468	ng	#	97
89) Benzo(a)pyrene	15.63	252	682127	44.257	ng		96
90) Dibenzo(a,h)anthracene	17.28	278	564706	43.947	ng		96
91) Benzo(g,h,i)perylene	17.74	276	539782	43.225	ng		93

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

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