Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106697.D
Acq On : 22 Jun 2018 9:59
Operator : JU/SJ
Sample : PB110463BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 22 11:43:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB110463BS

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	68652	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	271287	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	146677	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	307952	20.00	ng		0.00
75) Chrysene-d12	14.15	240	244532	20.00	ng		0.00
86) Perylene-d12	15.69	264	221877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	443898	109.49	ng		0.01
7) Phenol-d6	6.61	99	574204	113.41	ng		0.00
23) Nitrobenzene-d5	7.53	82	380429	77.93	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	220354	129.62	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	721077	82.84	ng		0.00
78) Terphenyl-d14	13.08	244	929687	92.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	60808	29.173	ng		96
3) Pyridine	3.66	79	182177	32.227	ng		98
4) n-Nitrosodimethylamine	3.62	42	78124	32.539	ng		82
6) Aniline	6.63	93	176049	25.634	ng	#	69
8) 2-Chlorophenol	6.76	128	169149	38.038	ng		96
9) Benzaldehyde	6.51	77	83515	21.346	ng		99
10) Phenol	6.62	94	206798	35.790	ng		80
11) bis(2-Chloroethyl)ether	6.70	93	176321	36.964	ng		99
12) 1,3-Dichlorobenzene	6.90	146	195316	37.502	ng		100
13) 1,4-Dichlorobenzene	6.98	146	195662	37.159	ng		100
14) 1,2-Dichlorobenzene	7.13	146	183341	37.993	ng		98
15) Benzyl Alcohol	7.11	79	153684	37.803	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	247614	39.564	ng		69
17) 2-Methylphenol	7.22	107	147300	38.708	ng	#	91
18) Hexachloroethane	7.47	117	69649	37.614	ng	#	88
19) n-Nitroso-di-n-propylamine	7.37	70	116940	35.039	ng		93
20) 3+4-Methylphenols	7.37	107	178554	42.899	ng	#	69
22) Acetophenone	7.37	105	230052	37.904	ng	#	95
24) Nitrobenzene	7.55	77	188005	37.723	ng		99
25) Isophorone	7.78	82	350138	40.704	ng		99
26) 2-Nitrophenol	7.86	139	98650	41.930	ng		99
27) 2,4-Dimethylphenol	7.90	122	161836	44.503	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	222525	38.528	ng		99
29) 2,4-Dichlorophenol	8.11	162	162288	42.627	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	172392	41.104	ng		98
31) Naphthalene	8.27	128	500218	39.439	ng		99
32) Benzoic acid	8.04	122	98068m	38.379	ng		
33) 4-Chloroaniline	8.31	127	94291	17.717	ng		99
34) Hexachlorobutadiene	8.37	225	114711	41.975	ng		98
35) Caprolactam	8.70	113	53046m	42.743	ng		
36) 4-Chloro-3-methylphenol	8.81	107	170938	42.656	ng		95
37) 2-Methylnaphthalene	8.96	142	375514	44.667	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	191203	38.708	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	215665	84.860	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	123783	37.699	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	128495	37.504	ng		90
45) 1,1'-Biphenyl	9.42	154	447686	38.298	ng		98
46) 2-Chloronaphthalene	9.45	162	335404	36.452	ng		95
47) 2-Nitroaniline	9.55	65	111103	35.908	ng		97
48) Acenaphthylene	9.87	152	536950	36.962	ng		99
49) Dimethylphthalate	9.72	163	405732	36.882	ng		99
50) 2,6-Dinitrotoluene	9.79	165	98025	42.080	ng		91
51) Acenaphthene	10.04	154	323324	35.345	ng		98
52) 3-Nitroaniline	9.96	138	65446	24.414	ng		98
53) 2,4-Dinitrophenol	10.08	184	93913	77.704	ng	#	12
54) Dibenzofuran	10.21	168	504600	40.284	ng		97
55) 4-Nitrophenol	10.15	139	122225	65.322	ng		98
56) 2,4-Dinitrotoluene	10.20	165	132040	43.425	ng	#	83
57) Fluorene	10.56	166	393699	39.608	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	119604	43.915	ng	#	81
59) Diethylphthalate	10.42	149	393706	37.080	ng		95
60) 4-Chlorophenyl-phenylether	10.54	204	205087	39.434	ng	#	87
61) 4-Nitroaniline	10.59	138	101006	37.967	ng		90
62) Azobenzene	10.71	77	385237	36.844	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	75091	39.447	ng	#	67
65) n-Nitrosodiphenylamine	10.67	169	356295	34.398	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	146756	39.931	ng	#	79
67) Hexachlorobenzene	11.11	284	152352	39.606	ng	#	82
68) Atrazine	11.19	200	132381	40.203	ng		96
69) Pentachlorophenol	11.31	266	134767	70.216	ng		99
70) Phenanthrene	11.52	178	593982	39.990	ng		99
71) Anthracene	11.58	178	619182	40.841	ng		100
72) Carbazole	11.73	167	546286	38.487	ng		99
73) Di-n-butylphthalate	12.04	149	629365	37.637	ng		100
74) Fluoranthene	12.72	202	663324	40.518	ng		96
76) Benzidine	12.84	184	238731	34.280	ng		97
77) Pyrene	12.95	202	668783	41.474	ng		100
79) Butylbenzylphthalate	13.55	149	255072	38.473	ng	#	96
80) Benzo(a)anthracene	14.14	228	594308	39.877	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	134903	25.755	ng	#	95
82) Chrysene	14.18	228	542328	39.554	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	328900	38.803	ng	#	96
84) Di-n-octyl phthalate	14.74	149	518422	37.522	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	564873	48.547	ng	#	90
87) Benzo(b)fluoranthene	15.24	252	531396	38.555	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	477730	36.397	ng	#	95
89) Benzo(a)pyrene	15.63	252	497357	40.592	ng	#	97
90) Dibenzo(a,h)anthracene	17.29	278	465403	44.819	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	487731	48.055	ng	#	89

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

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