Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
Data File : BF111806.D
Acq On : 2 Jan 2019 12:54
Operator : JU/SJ
Sample : PB116072BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116072BSD

Manual Integrations APPROVED
Sohil
1/3/2019 10:59:31 AM

Quant Time: Jan 02 14:22:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	152609	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	583576	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	301731	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	587578	20.00	ng		0.01
76) Chrysene-d12	14.07	240	420873	20.00	ng		0.02
87) Perylene-d12	15.56	264	288951	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	983540	109.85	ng		0.04
7) Phenol-d6	6.55	99	1249902	109.70	ng		0.03
23) Nitrobenzene-d5	7.46	82	706155	70.43	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	425132	119.25	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1407731	68.00	ng		0.00
79) Terphenyl-d14	13.01	244	1696058	76.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	222500	52.821	ng		97
3) Pyridine	3.55	79	420704	38.335	ng		97
4) n-Nitrosodimethylamine	3.50	42	233135	43.408	ng	#	86
6) Aniline	6.56	93	436275	30.038	ng	#	1
8) 2-Chlorophenol	6.70	128	430734	43.430	ng		98
9) Benzaldehyde	6.45	77	101818	12.993	ng		99
10) Phenol	6.56	94	505554	39.324	ng	#	68
11) bis(2-Chloroethyl)ether	6.63	93	401845	41.712	ng		95
12) 1,3-Dichlorobenzene	6.85	146	481651	41.906	ng		97
13) 1,4-Dichlorobenzene	6.92	146	488897	41.942	ng		99
14) 1,2-Dichlorobenzene	7.07	146	460377	42.332	ng		99
15) Benzyl Alcohol	7.05	79	390234	43.123	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	660215	37.210	ng		73
17) 2-Methylphenol	7.17	107	345597	43.518	ng	#	88
18) Hexachloroethane	7.42	117	174764	44.492	ng		91
19) n-Nitroso-di-n-propylamine	7.32	70	308905	40.822	ng		99
20) 3+4-Methylphenols	7.32	107	441503	43.998	ng	#	85
22) Acetophenone	7.31	105	581009	39.299	ng	#	93
24) Nitrobenzene	7.48	77	463065	44.068	ng		97
25) Isophorone	7.72	82	821955	46.181	ng		99
26) 2-Nitrophenol	7.80	139	230148	54.004	ng		95
27) 2,4-Dimethylphenol	7.85	122	380834	45.333	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	509804	43.043	ng		98
29) 2,4-Dichlorophenol	8.05	162	392900	43.482	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	414818	41.197	ng		98
31) Naphthalene	8.21	128	1269293	45.267	ng		97
32) Benzoic acid	7.94	122	71160	12.811	ng		93
33) 4-Chloroaniline	8.25	127	313036	25.829	ng		99
34) Hexachlorobutadiene	8.33	225	253272	41.271	ng		98
35) Caprolactam	8.62	113	114445m	37.378	ng		
36) 4-Chloro-3-methylphenol	8.75	107	388928	43.787	ng		98
37) 2-Methylnaphthalene	8.90	142	865169	47.425	ng		98
38) 1-Methylnaphthalene	9.00	142	819351	46.765	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	415501	41.907	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	533189	110.820	ng		99
43) 2,4,6-Trichlorophenol	9.18	196	278116	42.014	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	291693	42.952	ng		91
46) 1,1'-Biphenyl	9.36	154	1054923	41.417	ng		95
47) 2-Chloronaphthalene	9.39	162	826127	40.938	ng		94
48) 2-Nitroaniline	9.48	65	256369	48.833	ng		100
49) Acenaphthylene	9.81	152	1329279	45.115	ng		95
50) Dimethylphthalate	9.66	163	986956	44.730	ng		97
51) 2,6-Dinitrotoluene	9.72	165	220366	50.087	ng		95
52) Acenaphthene	9.98	154	851289	46.845	ng		97
53) 3-Nitroaniline	9.89	138	164545	35.068	ng		93
54) 2,4-Dinitrophenol	10.00	184	141858	98.599	ng		94
55) Dibenzofuran	10.15	168	1182634	43.076	ng		95
56) 4-Nitrophenol	10.07	139	330354	92.254	ng		90
57) 2,4-Dinitrotoluene	10.13	165	296461	56.065	ng	#	97
58) Fluorene	10.49	166	932257	47.123	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	258648	45.257	ng		90
60) Diethylphthalate	10.36	149	957931	44.258	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	468519	42.865	ng		95
62) 4-Nitroaniline	10.51	138	224193	49.160	ng		91
63) Azobenzene	10.65	77	907550	41.767	ng		93
65) 4,6-Dinitro-2-methylphenol	10.54	198	118055	48.528	ng	#	77
66) n-Nitrosodiphenylamine	10.60	169	819516	41.549	ng		97
67) 4-Bromophenyl-phenylether	10.97	248	303281	41.615	ng	#	89
68) Hexachlorobenzene	11.04	284	335688	41.311	ng		98
69) Atrazine	11.13	200	274822	40.107	ng		96
70) Pentachlorophenol	11.24	266	295836	58.891	ng		97
71) Phenanthrene	11.46	178	1384097	44.417	ng		95
72) Anthracene	11.51	178	1415670	45.261	ng		96
73) Carbazole	11.66	167	1226537	40.391	ng		96
74) Di-n-butylphthalate	11.99	149	1481478	43.512	ng		96
75) Fluoranthene	12.64	202	1399652	44.355	ng		96
77) Benzidine	12.76	184	465121	29.369	ng		96
78) Pyrene	12.87	202	1390539	46.786	ng		96
80) Butylbenzylphthalate	13.48	149	571905	47.206	ng		94
81) Benzo(a)anthracene	14.06	228	1110493	46.234	ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	254095	26.775	ng	#	98
83) Chrysene	14.10	228	1013303	42.924	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	731759	47.952	ng	#	97
85) Di-n-octyl phthalate	14.66	149	1033141	43.697	ng		95
86) Indeno(1,2,3-cd)pyrene	17.07	276	904379	45.065	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	800208	47.385	ng	#	95
89) Benzo(k)fluoranthene	15.15	252	770417	47.919	ng	#	96
90) Benzo(a)pyrene	15.50	252	731315	47.666	ng	#	93
91) Dibenzo(a,h)anthracene	17.08	278	748903	55.743	ng	#	90
92) Benzo(g,h,i)perylene	17.53	276	770999	58.770	ng	#	87

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

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