Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110246.D
Acq On : 27 Oct 2018 7:49
Operator : JU/SJ
Sample : PB114167BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114167BS

Quant Time: Oct 29 03:14:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	101219	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	407257	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	168303	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	263443	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	179831	20.00	ng		-0.01
87) Perylene-d12	15.67	264	122371	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	462232	74.37	ng		0.00
7) Phenol-d6	6.59	99	564282	70.98	ng		-0.02
23) Nitrobenzene-d5	7.53	82	501709	73.07	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	100254	60.13	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	928659	86.64	ng		-0.01
79) Terphenyl-d14	13.09	244	632878	73.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	80728	24.789	ng		91
3) Pyridine	3.66	79	232215	32.015	ng		89
4) n-Nitrosodimethylamine	3.62	42	113267	37.273	ng		91
6) Aniline	6.63	93	134127	12.951	ng	#	55
8) 2-Chlorophenol	6.75	128	246580	34.409	ng		100
9) Benzaldehyde	6.52	77	114194	21.676	ng		93
10) Phenol	6.60	94	290786	34.217	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	224375	32.092	ng		94
12) 1,3-Dichlorobenzene	6.91	146	259872	32.953	ng		96
13) 1,4-Dichlorobenzene	6.99	146	262176	32.871	ng		97
14) 1,2-Dichlorobenzene	7.14	146	246139	33.243	ng		99
15) Benzyl Alcohol	7.10	79	204466	33.438	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	356945	31.930	ng		69
17) 2-Methylphenol	7.21	107	200495	35.106	ng	#	82
18) Hexachloroethane	7.47	117	78690	26.948	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	166512	32.646	ng		96
20) 3+4-Methylphenols	7.36	107	253804	34.380	ng		95
22) Acetophenone	7.37	105	328761	35.034	ng		97
24) Nitrobenzene	7.55	77	243004	34.280	ng		90
25) Isophorone	7.79	82	441528	37.724	ng		95
26) 2-Nitrophenol	7.86	139	97529	28.912	ng		96
27) 2,4-Dimethylphenol	7.89	122	216544	38.718	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	285570	35.916	ng		98
29) 2,4-Dichlorophenol	8.10	162	192053	33.989	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	210050	33.188	ng		95
31) Naphthalene	8.27	128	675522	35.989	ng		99
32) Benzoic acid	7.99	122	79468	18.384	ng		96
33) 4-Chloroaniline	8.32	127	81596	9.659	ng		96
34) Hexachlorobutadiene	8.38	225	118188	33.632	ng		99
35) Caprolactam	8.68	113	57633	29.264	ng	#	84
36) 4-Chloro-3-methylphenol	8.80	107	194896	31.897	ng		93
37) 2-Methylnaphthalene	8.96	142	446769	35.975	ng		99
38) 1-Methylnaphthalene	9.06	142	421582	35.128	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	189266	36.092	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	42600	15.887	ng		99
43) 2,4,6-Trichlorophenol	9.24	196	116408	34.417	ng		98
44) 2,4,5-Trichlorophenol	9.28	196	118134	33.042	ng		97
46) 1,1'-Biphenyl	9.43	154	536171	35.229	ng		99
47) 2-Chloronaphthalene	9.46	162	393232	35.223	ng		99
48) 2-Nitroaniline	9.55	65	123075	36.380	ng		92
49) Acenaphthylene	9.87	152	595003	36.900	ng		99
50) Dimethylphthalate	9.72	163	477707	38.451	ng		99
51) 2,6-Dinitrotoluene	9.79	165	86620	32.368	ng		85
52) Acenaphthene	10.05	154	352680	33.062	ng		97
53) 3-Nitroaniline	9.96	138	79477	24.974	ng		86
54) 2,4-Dinitrophenol	10.07	184	7748	11.998	ng	#	85
55) Dibenzofuran	10.22	168	509543	34.117	ng		97
56) 4-Nitrophenol	10.12	139	170408	72.349	ng		97
57) 2,4-Dinitrotoluene	10.20	165	102498	30.154	ng	#	79
58) Fluorene	10.56	166	381704	34.340	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	88002	30.199	ng		96
60) Diethylphthalate	10.42	149	438666	36.171	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	193153	32.940	ng		92
62) 4-Nitroaniline	10.57	138	96681	30.545	ng		96
63) Azobenzene	10.71	77	384056	31.904	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	6712	5.577	ng		98
66) n-Nitrosodiphenylamine	10.67	169	343187	39.716	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	107333	37.561	ng		92
68) Hexachlorobenzene	11.11	284	105510	34.799	ng		94
69) Atrazine	11.19	200	103691	37.972	ng		97
70) Pentachlorophenol	11.30	266	79617	45.033	ng		97
71) Phenanthrene	11.53	178	504793	36.620	ng		99
72) Anthracene	11.58	178	520662	37.683	ng		99
73) Carbazole	11.73	167	446743	33.115	ng		99
74) Di-n-butylphthalate	12.05	149	597069	39.187	ng		99
75) Fluoranthene	12.72	202	491629	35.142	ng		99
77) Benzidine	12.84	184	215450	40.577	ng		96
78) Pyrene	12.95	202	488228	37.870	ng		97
80) Butylbenzylphthalate	13.56	149	226941	40.555	ng		94
81) Benzo(a)anthracene	14.14	228	392935	36.846	ng		98
82) 3,3'-Dichlorobenzidine	14.10	252	129365	34.836	ng		99
83) Chrysene	14.17	228	366062	36.140	ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	317081	41.918	ng	#	94
85) Di-n-octyl phthalate	14.73	149	495651	42.140	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	251230	29.898	ng		96
88) Benzo(b)fluoranthene	15.22	252	284426	40.250	ng		100
89) Benzo(k)fluoranthene	15.25	252	281417	40.509	ng		98
90) Benzo(a)pyrene	15.61	252	250138	38.469	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	215587	38.425	ng		99
92) Benzo(g,h,i)perylene	17.72	276	202677	36.659	ng		96

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

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