Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108166.D
Acq On : 15 Aug 2018 15:33
Operator : JU/SJ
Sample : J4454-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-0818-S-TCLP-61AMSD

Manual Integrations APPROVED
Sohil
8/16/2018 5:26:59 PM

Quant Time: Aug 15 16:25:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	220793	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	849001	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	433027	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	850996	20.00	ng		0.00
75) Chrysene-d12	14.22	240	644985	20.00	ng		0.00
86) Perylene-d12	15.79	264	483295	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	1404592	115.17	ng		0.04
7) Phenol-d6	6.65	99	1792842	110.63	ng		0.02
23) Nitrobenzene-d5	7.59	82	1435419	94.34	ng		0.01
41) 2,4,6-Tribromophenol	10.87	330	644598	149.24	ng		0.01
44) 2-Fluorobiphenyl	9.38	172	2375031	88.06	ng		0.00
78) Terphenyl-d14	13.15	244	2839037	111.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	214634	34.251	ng	#	76
3) Pyridine	3.83	79	504672	31.264	ng		86
4) n-Nitrosodimethylamine	3.78	42	351303	38.676	ng		83
6) Aniline	6.69	93	287909	13.061	ng		98
8) 2-Chlorophenol	6.81	128	610783	44.468	ng		97
9) Benzaldehyde	6.58	77	339694	27.035	ng		98
10) Phenol	6.66	94	648042	38.658	ng		86
11) bis(2-Chloroethyl)ether	6.75	93	631246	46.578	ng		91
12) 1,3-Dichlorobenzene	6.97	146	682707	42.987	ng		99
13) 1,4-Dichlorobenzene	7.04	146	691751	43.352	ng		99
14) 1,2-Dichlorobenzene	7.20	146	645874	43.516	ng		96
15) Benzyl Alcohol	7.16	79	620123	45.453	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1213123	43.451	ng		98
17) 2-Methylphenol	7.27	107	520328	44.175	ng		95
18) Hexachloroethane	7.53	117	256738	45.194	ng		95
19) n-Nitroso-di-n-propylamine	7.43	70	498216	45.461	ng		89
20) 3+4-Methylphenols	7.42	107	635116	42.076	ng	#	81
22) Acetophenone	7.43	105	922594	46.474	ng	#	93
24) Nitrobenzene	7.61	77	736166	47.849	ng		96
25) Isophorone	7.84	82	1358642	46.850	ng		98
26) 2-Nitrophenol	7.92	139	315165	54.243	ng		87
27) 2,4-Dimethylphenol	7.95	122	596355	46.333	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	820134	48.444	ng		99
29) 2,4-Dichlorophenol	8.16	162	576555	48.676	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	614343	47.043	ng		98
31) Naphthalene	8.33	128	2110391	54.658	ng		97
32) Benzoic acid	8.07	122	331100	44.787	ng		92
33) 4-Chloroaniline	8.37	127	131155	7.795	ng		97
34) Hexachlorobutadiene	8.44	225	392120	47.431	ng		99
35) Caprolactam	8.75	113	158617m	42.733	ng		
36) 4-Chloro-3-methylphenol	8.85	107	610215	47.756	ng		99
37) 2-Methylnaphthalene	9.02	142	1306722	47.835	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	650590	48.925	ng		99
40) Hexachlorocyclopentadiene	9.17	237	728614	84.829	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	439415	53.250	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	476159	52.418	ng		96
45) 1,1'-Biphenyl	9.48	154	1565002	49.018	ng		98
46) 2-Chloronaphthalene	9.51	162	1223130	48.472	ng		99
47) 2-Nitroaniline	9.61	65	423812	51.907	ng		87
48) Acenaphthylene	9.94	152	1938783	48.599	ng		97
49) Dimethylphthalate	9.78	163	1487358	49.309	ng	#	99
50) 2,6-Dinitrotoluene	9.85	165	331822	52.579	ng		88
51) Acenaphthene	10.11	154	1187587	48.603	ng		99
52) 3-Nitroaniline	10.02	138	120318	17.425	ng		98
53) 2,4-Dinitrophenol	10.13	184	264602	109.223	ng	#	20
54) Dibenzofuran	10.28	168	1696092	47.912	ng		94
55) 4-Nitrophenol	10.18	139	442045	84.541	ng	#	80
56) 2,4-Dinitrotoluene	10.26	165	439701	54.128	ng	#	94
57) Fluorene	10.62	166	1350843	48.204	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.40	232	396116	52.172	ng	#	86
59) Diethylphthalate	10.48	149	1419625	48.603	ng		94
60) 4-Chlorophenyl-phenylether	10.61	204	692513	47.426	ng		95
61) 4-Nitroaniline	10.65	138	330360	48.392	ng		93
62) Azobenzene	10.77	77	1438396	47.685	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	174063	53.757	ng		85
65) n-Nitrosodiphenylamine	10.73	169	1244621	49.492	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	469671	50.786	ng	#	87
67) Hexachlorobenzene	11.17	284	479900	49.319	ng	#	89
68) Atrazine	11.25	200	437933	51.920	ng		96
69) Pentachlorophenol	11.37	266	488324	104.849	ng		98
70) Phenanthrene	11.60	178	1931247	48.115	ng		97
71) Anthracene	11.65	178	1975819	48.028	ng		97
72) Carbazole	11.80	167	1765325	48.298	ng		98
73) Di-n-butylphthalate	12.11	149	2075546	50.133	ng		99
74) Fluoranthene	12.79	202	2087054	47.643	ng		95
76) Benzidine	12.90	184	235389	9.768	ng		98
77) Pyrene	13.02	202	2075654	50.831	ng		96
79) Butylbenzylphthalate	13.62	149	907855	55.990	ng		94
80) Benzo(a)anthracene	14.21	228	1836915	49.626	ng		97
81) 3,3'-Dichlorobenzidine	14.17	252	279134	21.042	ng	#	97
82) Chrysene	14.25	228	1638469	48.282	ng		97
83) Bis(2-ethylhexyl)phthalate	14.17	149	1188014	54.105	ng		99
84) Di-n-octyl phthalate	14.80	149	1829837	54.643	ng		95
85) Indeno(1,2,3-cd)pyrene	17.42	276	1291922	43.937	ng	#	91
87) Benzo(b)fluoranthene	15.32	252	1437907	49.791	ng	#	96
88) Benzo(k)fluoranthene	15.35	252	1403540	52.871	ng	#	96
89) Benzo(a)pyrene	15.72	252	1286542	49.750	ng	#	96
90) Dibenzo(a,h)anthracene	17.44	278	1072621	50.130	ng	#	94
91) Benzo(g,h,i)perylene	17.92	276	1067052	50.645	ng	#	90

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

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