Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110810.D
Acq On : 16 Nov 2018 11:51
Operator : JU/SJ
Sample : J5939-02MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATERMS

Quant Time: Nov 16 12:51:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59531	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	247517	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	117426	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	226504	20.00	ng		0.00
76) Chrysene-d12	14.13	240	141843	20.00	ng		0.00
87) Perylene-d12	15.66	264	129555	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	396603	108.21	ng		0.05
7) Phenol-d6	6.57	99	316952	67.63	ng		0.00
23) Nitrobenzene-d5	7.51	82	314087	73.08	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	60951	51.51	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	603096	73.35	ng		0.00
79) Terphenyl-d14	13.06	244	627812	82.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	52675	28.846	ng	#	86
3) Pyridine	3.60	79	122210	31.005	ng	#	83
4) n-Nitrosodimethylamine	3.55	42	77356	45.739	ng		86
6) Aniline	6.62	93	325314	53.227	ng	#	53
8) 2-Chlorophenol	6.73	128	192041	44.698	ng		98
9) Benzaldehyde	6.50	77	39596	12.820	ng		99
10) Phenol	6.59	94	158284	29.127	ng	#	67
11) bis(2-Chloroethyl)ether	6.68	93	163454	40.134	ng		98
12) 1,3-Dichlorobenzene	6.88	146	189910	40.398	ng		99
13) 1,4-Dichlorobenzene	6.96	146	191959	40.212	ng		97
14) 1,2-Dichlorobenzene	7.11	146	181935	40.969	ng		99
15) Benzyl Alcohol	7.09	79	152447	41.566	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	256491	40.103	ng		72
17) 2-Methylphenol	7.19	107	110034	32.180	ng	#	82
18) Hexachloroethane	7.45	117	55773	31.647	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	127920	42.759	ng		94
20) 3+4-Methylphenols	7.19	107	110034	25.068	ng		77
22) Acetophenone	7.35	105	253056	43.868	ng	#	94
24) Nitrobenzene	7.53	77	192350	43.681	ng		96
25) Isophorone	7.76	82	344228	48.866	ng		96
26) 2-Nitrophenol	7.85	139	92525	42.118	ng		91
27) 2,4-Dimethylphenol	7.87	122	124413	37.187	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	214391	44.950	ng		99
29) 2,4-Dichlorophenol	8.09	162	161579	46.936	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	163705	42.177	ng		95
31) Naphthalene	8.25	128	531162	45.713	ng		99
33) 4-Chloroaniline	8.30	127	276453	52.526	ng		99
34) Hexachlorobutadiene	8.35	225	91366	41.212	ng		98
35) Caprolactam	8.67	113	32949	28.648	ng		89
36) 4-Chloro-3-methylphenol	8.77	107	127719	34.400	ng		100
37) 2-Methylnaphthalene	8.94	142	368787	48.415	ng		99
38) 1-Methylnaphthalene	9.04	142	351467	47.978	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	156244	42.035	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	65294	27.954	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.27	196	85307	34.239	ng		95
46) 1,1'-Biphenyl	9.40	154	449454	41.030	ng		99
47) 2-Chloronaphthalene	9.43	162	340807	43.185	ng		99
48) 2-Nitroaniline	9.53	65	112523	46.269	ng		95
49) Acenaphthylene	9.85	152	537179	47.265	ng		98
50) Dimethylphthalate	9.70	163	392928	44.845	ng		99
51) 2,6-Dinitrotoluene	9.77	165	89033	46.192	ng		97
52) Acenaphthene	10.02	154	325133	45.268	ng		97
53) 3-Nitroaniline	9.95	138	97106	43.486	ng		96
55) Dibenzofuran	10.19	168	478460	45.531	ng		98
56) 4-Nitrophenol	10.12	139	36685	24.762	ng		97
57) 2,4-Dinitrotoluene	10.18	165	32183	12.842	ng	#	87
58) Fluorene	10.53	166	327688	40.598	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	30166	15.391	ng	#	87
60) Diethylphthalate	10.39	149	417734	48.190	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	181107	43.336	ng		99
62) 4-Nitroaniline	10.56	138	103775	46.150	ng		99
63) Azobenzene	10.69	77	382655	45.246	ng		94
66) n-Nitrosodiphenylamine	10.65	169	336557	44.083	ng		96
67) 4-Bromophenyl-phenylether	11.02	248	108820	43.470	ng		96
68) Hexachlorobenzene	11.09	284	115309	43.690	ng	#	87
69) Atrazine	11.17	200	112254	48.087	ng		99
70) Pentachlorophenol	11.29	266	11352	8.061	ng		92
71) Phenanthrene	11.50	178	588293	48.479	ng		99
72) Anthracene	11.56	178	604436	49.377	ng		99
73) Carbazole	11.72	167	520488	44.274	ng		99
74) Di-n-butylphthalate	12.03	149	647251	46.950	ng		98
75) Fluoranthene	12.70	202	582502	47.879	ng		99
77) Benzidine	12.84	184	1899956	487.079	ng		96
78) Pyrene	12.93	202	585471	53.607	ng		98
80) Butylbenzylphthalate	13.53	149	221054	47.025	ng		98
81) Benzo(a)anthracene	14.12	228	418641	49.379	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	135279	47.632	ng		98
83) Chrysene	14.16	228	378956	46.917	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	289310	49.612	ng		98
85) Di-n-octyl phthalate	14.69	149	440093	51.321	ng		97
86) Indeno(1,2,3-cd)pyrene	17.25	276	416754	71.903	ng		98
88) Benzo(b)fluoranthene	15.20	252	358507	46.256	ng		99
89) Benzo(k)fluoranthene	15.24	252	323849	42.287	ng		99
90) Benzo(a)pyrene	15.60	252	341949	48.560	ng		97
91) Dibenzo(a,h)anthracene	17.25	278	345179	57.924	ng		99
92) Benzo(g,h,i)perylene	17.72	276	350260	59.240	ng		98

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

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