Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107054.D
Acq On : 2 Jul 2018 19:45
Operator : JU/SJ
Sample : J3732-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-8(18-20)MS

Manual Integrations APPROVED
Sohil
7/3/2018 5:30:04 PM

Quant Time: Jul 03 01:57:16 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 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	60853	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	220935	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	99756	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	180408	20.00	ng		0.00
75) Chrysene-d12	14.16	240	145797	20.00	ng		0.00
86) Perylene-d12	15.71	264	110665	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	409048	113.82	ng		0.00
7) Phenol-d6	6.61	99	496113	110.55	ng		0.00
23) Nitrobenzene-d5	7.53	82	301837	75.92	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	139149	120.35	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	530089	90.98	ng		0.00
78) Terphenyl-d14	13.08	244	581180	96.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	51854	28.066	ng		100
3) Pyridine	3.62	79	154002	30.735	ng		98
4) n-Nitrosodimethylamine	3.58	42	67691	31.807	ng		84
6) Aniline	6.62	93	161665	26.556	ng	#	5
8) 2-Chlorophenol	6.75	128	154310	39.149	ng		98
9) Benzaldehyde	6.52	77	90185	27.027	ng		97
10) Phenol	6.62	94	189489	36.997	ng	#	72
11) bis(2-Chloroethyl)ether	6.70	93	154048	36.433	ng		97
12) 1,3-Dichlorobenzene	6.90	146	173347	37.549	ng		98
13) 1,4-Dichlorobenzene	6.98	146	174576	37.404	ng		98
14) 1,2-Dichlorobenzene	7.13	146	165238	38.630	ng		98
15) Benzyl Alcohol	7.11	79	120884	33.546	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	208551	37.593	ng	#	39
17) 2-Methylphenol	7.22	107	127806	37.889	ng	#	90
18) Hexachloroethane	7.47	117	36713	22.368	ng	#	88
19) n-Nitroso-di-n-propylamine	7.37	70	106167	35.888	ng		96
20) 3+4-Methylphenols	7.38	107	169282	47.108	ng		96
22) Acetophenone	7.37	105	212430	42.977	ng	#	99
24) Nitrobenzene	7.55	77	157242	38.740	ng		97
25) Isophorone	7.78	82	291808	41.654	ng		99
26) 2-Nitrophenol	7.86	139	42980	22.431	ng		99
27) 2,4-Dimethylphenol	7.90	122	137844	46.544	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	190109	40.417	ng		99
29) 2,4-Dichlorophenol	8.11	162	131853	42.525	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	146777	42.972	ng		98
31) Naphthalene	8.27	128	419524	40.615	ng		99
32) Benzoic acid	8.05	122	4354m	7.511	ng		
33) 4-Chloroaniline	8.32	127	123011	28.382	ng		99
34) Hexachlorobutadiene	8.37	225	95950	43.112	ng		100
35) Caprolactam	8.69	113	38271	37.866	ng		98
36) 4-Chloro-3-methylphenol	8.81	107	128624	39.412	ng		97
37) 2-Methylnaphthalene	8.96	142	301686	44.064	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	156842	46.687	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	88650	39.698	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	88627	38.035	ng	#	89
45) 1,1'-Biphenyl	9.42	154	354266	44.561	ng		98
46) 2-Chloronaphthalene	9.45	162	256211	40.942	ng		94
47) 2-Nitroaniline	9.55	65	83253	39.563	ng		97
48) Acenaphthylene	9.87	152	392482	39.725	ng		99
49) Dimethylphthalate	9.71	163	378583	50.600	ng		98
50) 2,6-Dinitrotoluene	9.79	165	51981	32.810	ng		87
51) Acenaphthene	10.04	154	236871	38.073	ng		96
52) 3-Nitroaniline	9.97	138	79859	43.804	ng		99
54) Dibenzofuran	10.21	168	357526	41.967	ng		94
55) 4-Nitrophenol	10.15	139	57279	45.011	ng		97
56) 2,4-Dinitrotoluene	10.20	165	57402	27.758	ng	#	90
57) Fluorene	10.55	166	278993	41.270	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	72250	39.006	ng	#	79
59) Diethylphthalate	10.41	149	293253	40.610	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	146538	41.429	ng	#	82
61) 4-Nitroaniline	10.58	138	78139	43.187	ng		93
62) Azobenzene	10.70	77	244362	34.363	ng		94
65) n-Nitrosodiphenylamine	10.66	169	243854	40.186	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	97435	45.254	ng	#	82
67) Hexachlorobenzene	11.11	284	97416	43.229	ng	#	84
68) Atrazine	11.18	200	69592	36.076	ng		95
69) Pentachlorophenol	11.31	266	43503	38.690	ng		97
70) Phenanthrene	11.52	178	378847	43.538	ng		99
71) Anthracene	11.58	178	395177	44.494	ng		99
72) Carbazole	11.74	167	349180	41.992	ng		98
73) Di-n-butylphthalate	12.04	149	410059	41.859	ng		98
74) Fluoranthene	12.72	202	416450	43.422	ng		96
76) Benzidine	12.84	184	309099	74.441	ng		97
77) Pyrene	12.95	202	413094	42.967	ng		99
79) Butylbenzylphthalate	13.55	149	166950	42.235	ng	#	93
80) Benzo(a)anthracene	14.15	228	364632	41.035	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	137268	43.953	ng	#	97
82) Chrysene	14.18	228	339631	41.545	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	221746	43.878	ng	#	95
84) Di-n-octyl phthalate	14.73	149	375454	45.577	ng		95
85) Indeno(1,2,3-cd)pyrene	17.31	276	259345	37.383	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	286520	41.679	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	275482	42.081	ng	#	94
89) Benzo(a)pyrene	15.64	252	251228	41.109	ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	222292	42.920	ng	#	93
91) Benzo(g,h,i)perylene	17.79	276	208824	41.251	ng	#	88

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

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