Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107055.D
Acq On : 2 Jul 2018 20:12
Operator : JU/SJ
Sample : J3732-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/3/2018 5:30:07 PM

Quant Time: Jul 03 02:01:11 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	63045	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	228119	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	104298	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	184347	20.00	ng		0.00
75) Chrysene-d12	14.16	240	151811	20.00	ng		0.00
86) Perylene-d12	15.71	264	115712	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	421341	113.17	ng		0.00
7) Phenol-d6	6.61	99	518313	111.48	ng		0.00
23) Nitrobenzene-d5	7.53	82	313344	76.34	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	144601	119.62	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	556838	91.49	ng		0.00
78) Terphenyl-d14	13.08	244	600104	95.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	52552	27.455	ng		98
3) Pyridine	3.62	79	157309	30.303	ng		97
4) n-Nitrosodimethylamine	3.58	42	68146	30.907	ng		83
6) Aniline	6.63	93	158544	25.138	ng	#	48
8) 2-Chlorophenol	6.76	128	158621	38.843	ng		94
9) Benzaldehyde	6.52	77	91531	26.353	ng		93
10) Phenol	6.62	94	193928	36.547	ng		73
11) bis(2-Chloroethyl)ether	6.70	93	159094	36.318	ng		98
12) 1,3-Dichlorobenzene	6.90	146	181289	37.904	ng		97
13) 1,4-Dichlorobenzene	6.98	146	179776	37.179	ng		98
14) 1,2-Dichlorobenzene	7.13	146	171036	38.595	ng		98
15) Benzyl Alcohol	7.11	79	127397	34.124	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	213887	37.214	ng	#	41
17) 2-Methylphenol	7.22	107	133670	38.250	ng	#	90
18) Hexachloroethane	7.47	117	39231	23.071	ng	#	87
19) n-Nitroso-di-n-propylamine	7.37	70	110493	36.052	ng		92
20) 3+4-Methylphenols	7.38	107	173585	46.426	ng		95
22) Acetophenone	7.37	105	217632	42.643	ng	#	99
24) Nitrobenzene	7.55	77	164071	39.150	ng		97
25) Isophorone	7.78	82	301888	41.736	ng		99
26) 2-Nitrophenol	7.86	139	48390	24.460	ng		96
27) 2,4-Dimethylphenol	7.90	122	143794	47.024	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	196127	40.384	ng		99
29) 2,4-Dichlorophenol	8.11	162	138364	43.220	ng		91
30) 1,2,4-Trichlorobenzene	8.18	180	152647	43.283	ng		98
31) Naphthalene	8.27	128	433651	40.660	ng		99
32) Benzoic acid	8.06	122	5368m	7.856	ng		
33) 4-Chloroaniline	8.32	127	112587	25.159	ng		99
34) Hexachlorobutadiene	8.37	225	99858	43.454	ng		99
35) Caprolactam	8.69	113	40316	38.633	ng		96
36) 4-Chloro-3-methylphenol	8.81	107	136106	40.391	ng		99
37) 2-Methylnaphthalene	8.96	142	314600	44.503	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	164707	46.893	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	91421	39.156	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	90906	37.314	ng	#	89
45) 1,1'-Biphenyl	9.42	154	374691	45.078	ng		98
46) 2-Chloronaphthalene	9.45	162	267173	40.835	ng		97
47) 2-Nitroaniline	9.55	65	85862	39.026	ng		99
48) Acenaphthylene	9.87	152	415370	40.211	ng		99
49) Dimethylphthalate	9.71	163	397381	50.800	ng		98
50) 2,6-Dinitrotoluene	9.79	165	56366	34.028	ng		88
51) Acenaphthene	10.04	154	247177	38.000	ng		98
52) 3-Nitroaniline	9.97	138	81838	42.934	ng		98
54) Dibenzofuran	10.21	168	374292	42.022	ng		94
55) 4-Nitrophenol	10.15	139	60064	45.144	ng		97
56) 2,4-Dinitrotoluene	10.20	165	63973	29.588	ng		90
57) Fluorene	10.55	166	292326	41.359	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	76351	39.425	ng	#	77
59) Diethylphthalate	10.41	149	306838	40.641	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	156232	42.246	ng	#	82
61) 4-Nitroaniline	10.58	138	78578	41.538	ng		95
62) Azobenzene	10.70	77	259600	34.916	ng		94
65) n-Nitrosodiphenylamine	10.66	169	256237	41.325	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	102755	46.705	ng	#	82
67) Hexachlorobenzene	11.11	284	101323	44.002	ng	#	85
68) Atrazine	11.18	200	72702	36.883	ng		94
69) Pentachlorophenol	11.31	266	45703	39.778	ng		97
70) Phenanthrene	11.52	178	392222	44.112	ng		98
71) Anthracene	11.58	178	406975	44.843	ng		99
72) Carbazole	11.74	167	361306	42.522	ng		98
73) Di-n-butylphthalate	12.04	149	423602	42.317	ng		99
74) Fluoranthene	12.72	202	432686	44.151	ng		96
76) Benzidine	12.84	184	319855	73.980	ng		98
77) Pyrene	12.95	202	426555	42.609	ng		99
79) Butylbenzylphthalate	13.55	149	171364	41.634	ng	#	92
80) Benzo(a)anthracene	14.15	228	382989	41.393	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	142264	43.749	ng	#	97
82) Chrysene	14.19	228	356014	41.824	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	228885	43.496	ng	#	97
84) Di-n-octyl phthalate	14.73	149	395017	46.053	ng		96
85) Indeno(1,2,3-cd)pyrene	17.31	276	267811	37.074	ng	#	90
87) Benzo(b)fluoranthene	15.25	252	304326	42.338	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	297108	43.405	ng	#	95
89) Benzo(a)pyrene	15.64	252	275296	43.083	ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	229842	42.442	ng	#	93
91) Benzo(g,h,i)perylene	17.79	276	222021	41.945	ng	#	88

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

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