Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107476.D
Acq On : 18 Jul 2018 14:40
Operator : JU/SJ
Sample : J3906-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Manual Integrations APPROVED
Sohil
7/19/2018 11:49:34 AM

Quant Time: Jul 18 16:45:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	147987	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	554536	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	303199	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	576130	20.00	ng		0.00
75) Chrysene-d12	14.18	240	355755	20.00	ng		0.00
86) Perylene-d12	15.72	264	368661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1032130	105.92	ng		0.01
7) Phenol-d6	6.62	99	1338473	106.25	ng		0.01
23) Nitrobenzene-d5	7.55	82	1035261	99.55	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	275924	103.58	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1659059	92.15	ng		0.00
78) Terphenyl-d14	13.11	244	1373328	95.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	140793	29.267	ng	#	86
3) Pyridine	3.69	79	362295	27.923	ng		90
4) n-Nitrosodimethylamine	3.65	42	223817	42.009	ng	#	75
6) Aniline	6.66	93	363181	21.808	ng		91
8) 2-Chlorophenol	6.78	128	377616	38.320	ng		91
9) Benzaldehyde	6.54	77	214484	21.164	ng		89
10) Phenol	6.64	94	536800	39.745	ng	#	60
11) bis(2-Chloroethyl)ether	6.72	93	376920	34.197	ng		95
12) 1,3-Dichlorobenzene	6.93	146	435486	36.400	ng	#	86
13) 1,4-Dichlorobenzene	7.01	146	426733	35.982	ng	#	90
14) 1,2-Dichlorobenzene	7.16	146	408346	36.799	ng		96
15) Benzyl Alcohol	7.12	79	481639	38.069	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	428504	36.433	ng		82
17) 2-Methylphenol	7.24	107	371288	39.628	ng	#	84
18) Hexachloroethane	7.50	117	171009	38.754	ng	#	87
19) n-Nitroso-di-n-propylamine	7.40	70	342329	37.952	ng	#	96
20) 3+4-Methylphenols	7.39	107	418645	35.175	ng	#	67
22) Acetophenone	7.40	105	571899	37.536	ng	#	81
24) Nitrobenzene	7.57	77	507738	43.446	ng	#	89
25) Isophorone	7.81	82	912930	44.290	ng	#	92
26) 2-Nitrophenol	7.88	139	205291	51.675	ng	#	71
27) 2,4-Dimethylphenol	7.92	122	365380	44.105	ng	#	77
28) bis(2-Chloroethoxy)methane	8.01	93	519060	40.209	ng		97
29) 2,4-Dichlorophenol	8.12	162	370444	42.971	ng		91
30) 1,2,4-Trichlorobenzene	8.21	180	416700	39.916	ng		96
31) Naphthalene	8.30	128	1155278	42.890	ng		97
32) Benzoic acid	8.01	122	71353	14.034	ng	#	84
33) 4-Chloroaniline	8.34	127	190779	16.354	ng	#	87
34) Hexachlorobutadiene	8.40	225	282904	40.500	ng		98
35) Caprolactam	8.72	113	118545m	42.273	ng		
36) 4-Chloro-3-methylphenol	8.82	107	486661	43.204	ng	#	81
37) 2-Methylnaphthalene	8.98	142	793447	44.689	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	461812	39.141	ng		99
40) Hexachlorocyclopentadiene	9.13	237	305072	49.505	ng		98

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42) 2,4,6-Trichlorophenol	9.27	196	295624	40.138	ng		98
43) 2,4,5-Trichlorophenol	9.31	196	294055	41.735	ng		91
45) 1,1'-Biphenyl	9.45	154	1007053	38.416	ng		97
46) 2-Chloronaphthalene	9.48	162	795337	38.413	ng		95
47) 2-Nitroaniline	9.57	65	318711	50.301	ng	#	75
48) Acenaphthylene	9.90	152	1186708	41.070	ng		94
49) Dimethylphthalate	9.75	163	1379418	57.261	ng		99
50) 2,6-Dinitrotoluene	9.82	165	227860	49.568	ng	#	86
51) Acenaphthene	10.07	154	721721	37.678	ng		94
52) 3-Nitroaniline	9.98	138	132206	27.381	ng	#	76
53) 2,4-Dinitrophenol	10.09	184	25290	20.656	ng	#	33
54) Dibenzofuran	10.24	168	1125502	38.024	ng		93
55) 4-Nitrophenol	10.15	139	236957	60.648	ng	#	52
56) 2,4-Dinitrotoluene	10.22	165	283389	47.296	ng	#	72
57) Fluorene	10.58	166	806372	41.133	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	231158	33.869	ng	#	90
59) Diethylphthalate	10.45	149	983725	42.032	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	446622	38.247	ng		93
61) 4-Nitroaniline	10.61	138	181586	39.517	ng	#	52
62) Azobenzene	10.73	77	1029363	37.453	ng		88
64) 4,6-Dinitro-2-methylphenol	10.63	198	42897	19.215	ng	#	69
65) n-Nitrosodiphenylamine	10.70	169	772228	42.439	ng		97
66) 4-Bromophenyl-phenylether	11.07	248	279805	42.450	ng		93
67) Hexachlorobenzene	11.13	284	256505	42.040	ng	#	94
68) Atrazine	11.22	200	290441	42.239	ng		99
69) Pentachlorophenol	11.32	266	200332	44.430	ng		93
70) Phenanthrene	11.55	178	1369604	47.702	ng		98
71) Anthracene	11.61	178	1203712	42.091	ng		98
72) Carbazole	11.76	167	956613	35.333	ng		94
73) Di-n-butylphthalate	12.07	149	1365677	43.892	ng	#	98
74) Fluoranthene	12.75	202	1412791	43.292	ng		92
76) Benzidine	12.86	184	168940	12.236	ng		96
77) Pyrene	12.98	202	1333091	55.105	ng		99
79) Butylbenzylphthalate	13.58	149	457764	51.947	ng	#	86
80) Benzo(a)anthracene	14.17	228	1055958	48.512	ng		97
81) 3,3'-Dichlorobenzidine	14.12	252	238705	32.698	ng	#	97
82) Chrysene	14.21	228	945364	45.465	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	628132	49.742	ng		96
84) Di-n-octyl phthalate	14.76	149	1004753	51.185	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.31	276	877507	59.288	ng	#	87
87) Benzo(b)fluoranthene	15.26	252	1150093	53.299	ng	#	95
88) Benzo(k)fluoranthene	15.29	252	841133	39.943	ng	#	94
89) Benzo(a)pyrene	15.65	252	996748	50.327	ng		97
90) Dibenzo(a,h)anthracene	17.32	278	708226	47.381	ng	#	95
91) Benzo(g,h,i)perylene	17.79	276	719582	47.377	ng	#	87

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

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