Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107398.D
Acq On : 14 Jul 2018 6:14
Operator : JU/SJ
Sample : PB111110BSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Manual Integrations APPROVED

Sohil

7/16/2018 3:22:50 PM

Quant Time: Jul 14 06:56:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 11:54:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	49516	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	174249	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	84432	20.00	ng		0.00
63) Phenanthrene-d10	11.47	188	166458	20.00	ng		0.00
75) Chrysene-d12	14.13	240	139517	20.00	ng		0.00
86) Perylene-d12	15.67	264	115652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	233490	79.85	ng		0.00
7) Phenol-d6	6.57	99	272878	74.73	ng		0.00
23) Nitrobenzene-d5	7.50	82	247799	79.03	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	75021	76.66	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	442842	89.57	ng		0.00
78) Terphenyl-d14	13.05	244	542603	94.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	45739	30.424	ng		99
3) Pyridine	3.60	79	129056	31.653	ng		95
4) n-Nitrosodimethylamine	3.57	42	53877	31.112	ng		84
6) Aniline	6.60	93	109765	22.159	ng	#	78
8) 2-Chlorophenol	6.72	128	115472	36.003	ng		98
9) Benzaldehyde	6.48	77	72088	26.442	ng		97
10) Phenol	6.59	94	146250	35.093	ng		75
11) bis(2-Chloroethyl)ether	6.66	93	115773	33.650	ng		99
12) 1,3-Dichlorobenzene	6.87	146	136915	36.448	ng		98
13) 1,4-Dichlorobenzene	6.94	146	139866	36.828	ng		97
14) 1,2-Dichlorobenzene	7.10	146	126817	36.436	ng		98
15) Benzyl Alcohol	7.07	79	91463	31.192	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	162423	35.981	ng	#	35
17) 2-Methylphenol	7.19	107	97403	35.487	ng	#	89
18) Hexachloroethane	7.43	117	39563	29.623	ng		90
19) n-Nitroso-di-n-propylamine	7.34	70	82227	34.160	ng		92
20) 3+4-Methylphenols	7.35	107	127530	42.332	ng		96
22) Acetophenone	7.34	105	160160	41.084	ng	#	97
24) Nitrobenzene	7.51	77	121938	38.092	ng		97
25) Isophorone	7.75	82	217670	39.396	ng		97
26) 2-Nitrophenol	7.83	139	49904	33.023	ng		99
27) 2,4-Dimethylphenol	7.87	122	102606	43.928	ng		99
28) bis(2-Chloroethoxy)methane	7.95	93	142204	38.333	ng		98
29) 2,4-Dichlorophenol	8.08	162	97273	39.778	ng		92
30) 1,2,4-Trichlorobenzene	8.15	180	111514	41.395	ng		97
31) Naphthalene	8.23	128	319718	39.245	ng		99
32) Benzoic acid	8.00	122	30893m	21.743	ng		
33) 4-Chloroaniline	8.29	127	60055	17.569	ng		99
34) Hexachlorobutadiene	8.34	225	73666	41.967	ng		98
35) Caprolactam	8.67	113	28385	35.609	ng		98
36) 4-Chloro-3-methylphenol	8.78	107	95801	37.220	ng		96
37) 2-Methylnaphthalene	8.92	142	225075	41.682	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	117290	41.250	ng	#	95
42) 2,4,6-Trichlorophenol	9.22	196	61646	32.616	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.27	196	59609	30.224	ng	#	89
45) 1,1'-Biphenyl	9.39	154	268799	39.947	ng		97
46) 2-Chloronaphthalene	9.42	162	193204	36.477	ng		97
47) 2-Nitroaniline	9.53	65	61480	34.519	ng		98
48) Acenaphthylene	9.84	152	299177	35.777	ng		99
49) Dimethylphthalate	9.69	163	222309	35.106	ng		99
50) 2,6-Dinitrotoluene	9.77	165	47442	35.380	ng		93
51) Acenaphthene	10.01	154	179778	34.141	ng		97
52) 3-Nitroaniline	9.94	138	48677	31.546	ng		100
53) 2,4-Dinitrophenol	10.08	184	8787	17.113	ng	#	22
54) Dibenzofuran	10.18	168	272109	37.738	ng		95
55) 4-Nitrophenol	10.14	139	22516	20.905	ng		100
56) 2,4-Dinitrotoluene	10.18	165	57507	32.856	ng	#	92
57) Fluorene	10.53	166	220131	38.473	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	52458	33.461	ng	#	70
59) Diethylphthalate	10.39	149	215406	35.243	ng	#	93
60) 4-Chlorophenyl-phenylether	10.51	204	115932	38.724	ng	#	85
61) 4-Nitroaniline	10.57	138	51262	33.474	ng		91
62) Azobenzene	10.67	77	201872	33.541	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	12174	11.831	ng		76
65) n-Nitrosodiphenylamine	10.64	169	187286	33.451	ng		98
66) 4-Bromophenyl-phenylether	11.01	248	74696	37.600	ng	#	77
67) Hexachlorobenzene	11.08	284	79748	38.354	ng	#	87
68) Atrazine	11.16	200	63403	35.622	ng		95
69) Pentachlorophenol	11.29	266	17409m	16.780	ng		
70) Phenanthrene	11.50	178	321150	40.001	ng		99
71) Anthracene	11.55	178	335018	40.882	ng		99
72) Carbazole	11.71	167	295774	38.551	ng		97
73) Di-n-butylphthalate	12.01	149	334149	36.968	ng		99
74) Fluoranthene	12.69	202	361084	40.804	ng		96
76) Benzidine	12.82	184	178531	44.931	ng		97
77) Pyrene	12.93	202	366615	39.849	ng		100
79) Butylbenzylphthalate	13.52	149	144167	38.113	ng	#	97
80) Benzo(a)anthracene	14.12	228	320719	37.718	ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	105411	35.272	ng	#	96
82) Chrysene	14.16	228	303210	38.760	ng		98
83) Bis(2-ethylhexyl)phthalate	14.07	149	188005	38.876	ng	#	96
84) Di-n-octyl phthalate	14.69	149	324721	41.193	ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	250239	37.694	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	264094	36.760	ng	#	96
88) Benzo(k)fluoranthene	15.24	252	266353	38.932	ng	#	94
89) Benzo(a)pyrene	15.60	252	249944	39.136	ng	#	97
90) Dibenzo(a,h)anthracene	17.25	278	212435	39.248	ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	206755	39.081	ng	#	91

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

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