Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107408.D
Acq On : 16 Jul 2018 17:06
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Manual Integrations APPROVED
Sohil
7/17/2018 4:52:55 PM

Quant Time: Jul 16 17:33:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136810	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	530782	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	298839	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	617378	20.00	ng		0.00
75) Chrysene-d12	14.17	240	506656	20.00	ng		0.00
86) Perylene-d12	15.69	264	385574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	686297	76.19	ng		0.00
7) Phenol-d6	6.60	99	872686	74.93	ng		0.00
23) Nitrobenzene-d5	7.54	82	860975	86.50	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	193396	73.66	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1414996	78.06	ng		0.00
78) Terphenyl-d14	13.10	244	1484616	72.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	163932	36.861	ng		88
3) Pyridine	3.61	79	439431	36.635	ng		92
4) n-Nitrosodimethylamine	3.57	42	196269	39.848	ng	#	79
6) Aniline	6.64	93	590035	38.324	ng	#	87
8) 2-Chlorophenol	6.77	128	336987	36.991	ng		92
9) Benzaldehyde	6.53	77	350875	37.451	ng		90
10) Phenol	6.61	94	466181	37.336	ng	#	73
11) bis(2-Chloroethyl)ether	6.71	93	383532	37.640	ng		96
12) 1,3-Dichlorobenzene	6.92	146	429707	38.852	ng	#	88
13) 1,4-Dichlorobenzene	7.00	146	405888	37.021	ng	#	90
14) 1,2-Dichlorobenzene	7.15	146	387829	37.806	ng		96
15) Benzyl Alcohol	7.11	79	457336	39.101	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	424403	39.032	ng		84
17) 2-Methylphenol	7.22	107	327311	37.789	ng	#	87
18) Hexachloroethane	7.50	117	163981	40.197	ng	#	88
19) n-Nitroso-di-n-propylamine	7.39	70	313978	37.652	ng		92
20) 3+4-Methylphenols	7.37	107	425350	38.658	ng		92
22) Acetophenone	7.39	105	550218	37.729	ng	#	91
24) Nitrobenzene	7.57	77	479013	42.822	ng		94
25) Isophorone	7.80	82	743755	37.697	ng	#	93
26) 2-Nitrophenol	7.88	139	167413	44.027	ng	#	49
27) 2,4-Dimethylphenol	7.90	122	308449	38.899	ng		85
28) bis(2-Chloroethoxy)methane	8.01	93	478096	38.693	ng		96
29) 2,4-Dichlorophenol	8.11	162	326514	39.570	ng		94
30) 1,2,4-Trichlorobenzene	8.20	180	372522	37.281	ng		95
31) Naphthalene	8.29	128	953762	36.993	ng		98
32) Benzoic acid	8.01	122	217582	44.711	ng	#	76
33) 4-Chloroaniline	8.33	127	426404	38.189	ng	#	82
34) Hexachlorobutadiene	8.40	225	271871	40.662	ng		92
35) Caprolactam	8.70	113	99942	37.234	ng		90
36) 4-Chloro-3-methylphenol	8.80	107	421873	39.128	ng	#	77
37) 2-Methylnaphthalene	8.98	142	661829	38.944	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	410418	35.293	ng		98
40) Hexachlorocyclopentadiene	9.13	237	239967	39.508	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	268434	36.978	ng		95
43) 2,4,5-Trichlorophenol	9.28	196	268503	38.664	ng		90
45) 1,1'-Biphenyl	9.44	154	882694	34.163	ng		93
46) 2-Chloronaphthalene	9.47	162	722787	35.419	ng		96
47) 2-Nitroaniline	9.56	65	257925	41.301	ng	#	74
48) Acenaphthylene	9.89	152	1043475	36.640	ng		96
49) Dimethylphthalate	9.74	163	863763	36.378	ng		99
50) 2,6-Dinitrotoluene	9.80	165	182230	40.220	ng	#	64
51) Acenaphthene	10.06	154	665356	35.243	ng		96
52) 3-Nitroaniline	9.97	138	183367	38.530	ng	#	62
53) 2,4-Dinitrophenol	10.07	184	70149	43.349	ng	#	33
54) Dibenzofuran	10.23	168	1021837	35.025	ng		93
55) 4-Nitrophenol	10.11	139	154038	40.000	ng	#	59
56) 2,4-Dinitrotoluene	10.21	165	245727	41.609	ng	#	90
57) Fluorene	10.57	166	679052	35.144	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	237309	35.278	ng	#	90
59) Diethylphthalate	10.44	149	855327	37.079	ng		95
60) 4-Chlorophenyl-phenylether	10.57	204	432620	37.589	ng		98
61) 4-Nitroaniline	10.59	138	179056	39.535	ng	#	44
62) Azobenzene	10.72	77	994337	36.707	ng		89
64) 4,6-Dinitro-2-methylphenol	10.61	198	140784	43.402	ng		83
65) n-Nitrosodiphenylamine	10.68	169	730084	37.442	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	271523	38.441	ng		92
67) Hexachlorobenzene	11.12	284	236279	36.138	ng	#	93
68) Atrazine	11.21	200	268034	36.376	ng		96
69) Pentachlorophenol	11.31	266	194713	40.298	ng		92
70) Phenanthrene	11.54	178	1099705	35.742	ng		97
71) Anthracene	11.60	178	1104337	36.036	ng		98
72) Carbazole	11.74	167	1045357	36.031	ng		97
73) Di-n-butylphthalate	12.07	149	1259856	37.786	ng	#	96
74) Fluoranthene	12.73	202	1252255	35.809	ng		95
76) Benzidine	12.85	184	738097	37.537	ng	#	93
77) Pyrene	12.97	202	1310105	38.025	ng		98
79) Butylbenzylphthalate	13.57	149	532553	42.435	ng	#	80
80) Benzo(a)anthracene	14.15	228	1141438	36.820	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	406275	39.077	ng	#	99
82) Chrysene	14.19	228	1079209	36.444	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	708602	39.402	ng		94
84) Di-n-octyl phthalate	14.76	149	1108007	39.633	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	700162	33.216	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	902852	40.005	ng		99
88) Benzo(k)fluoranthene	15.28	252	821524m	37.300	ng		
89) Benzo(a)pyrene	15.64	252	796650	38.459	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	578959	37.034	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	567766	35.742	ng	#	89

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

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