Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111112.D
Acq On : 5 Dec 2018 16:59
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Manual Integrations APPROVED
mohammad
12/6/2018 12:11:43 PM

Quant Time: Dec 05 18:00:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	522607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2183952	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	1022513	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1762506	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1180275	20.00	ng	0.00
87) Perylene-d12	15.39	264	1016087	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2524381	75.38	ng	0.00
7) Phenol-d6	6.43	99	3249268	75.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	2940571	79.71	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	634551	78.07	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4533414	81.47	ng	0.00
79) Terphenyl-d14	12.91	244	4099400	71.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	723482	37.557	ng	97
3) Pyridine	3.26	79	1650135	38.623	ng	98
4) n-Nitrosodimethylamine	3.19	42	806500	38.339	ng	95
6) Aniline	6.47	93	2179606	37.815	ng	99
8) 2-Chlorophenol	6.59	128	1477332	38.271	ng	99
9) Benzaldehyde	6.35	77	875156	36.930	ng	99
10) Phenol	6.45	94	1765666m	37.535	ng	
11) bis(2-Chloroethyl)ether	6.54	93	1454256	37.826	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1555580	37.891	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1581647	38.283	ng	98
14) 1,2-Dichlorobenzene	6.98	146	1459446	37.975	ng	99
15) Benzyl Alcohol	6.95	79	1309015	38.295	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2886242	38.593	ng	99
17) 2-Methylphenol	7.06	107	1209471	38.169	ng	99
18) Hexachloroethane	7.32	117	599782	38.700	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	1112184	38.361	ng	99
20) 3+4-Methylphenols	7.21	107	1477222	38.223	ng	95
22) Acetophenone	7.22	105	1966053	37.252	ng	97
24) Nitrobenzene	7.39	77	1557835	39.254	ng	98
25) Isophorone	7.63	82	2541352	37.539	ng	100
26) 2-Nitrophenol	7.70	139	708913	42.276	ng	90
27) 2,4-Dimethylphenol	7.74	122	1192162	37.750	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1732142	37.795	ng	99
29) 2,4-Dichlorophenol	7.94	162	1168165	37.573	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1199629	38.228	ng	98
31) Naphthalene	8.11	128	3748161	39.418	ng	100
32) Benzoic acid	7.85	122	806184m	38.712	ng	
33) 4-Chloroaniline	8.16	127	1720292	37.427	ng	96
34) Hexachlorobutadiene	8.24	225	643836	37.753	ng	99
35) Caprolactam	8.53	113	438353m	38.401	ng	
36) 4-Chloro-3-methylphenol	8.63	107	1299805	38.168	ng	100
37) 2-Methylnaphthalene	8.80	142	2454699	37.425	ng	99
38) 1-Methylnaphthalene	8.90	142	2376571	37.688	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1030520	37.814	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	552739	38.465	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	773662	38.870	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	781992	38.758	ng		97
46) 1,1'-Biphenyl	9.27	154	3150654	37.640	ng		98
47) 2-Chloronaphthalene	9.29	162	2470451	37.981	ng		96
48) 2-Nitroaniline	9.38	65	854264	40.527	ng		92
49) Acenaphthylene	9.70	152	3573795	39.307	ng		99
50) Dimethylphthalate	9.57	163	2718494	38.201	ng		100
51) 2,6-Dinitrotoluene	9.62	165	625650	41.468	ng		90
52) Acenaphthene	9.88	154	2269754	37.788	ng		98
53) 3-Nitroaniline	9.79	138	761445	40.178	ng		98
54) 2,4-Dinitrophenol	9.89	184	165807	38.425	ng	#	24
55) Dibenzofuran	10.05	168	3243873	39.210	ng		97
56) 4-Nitrophenol	9.94	139	590618	41.356	ng		87
57) 2,4-Dinitrotoluene	10.02	165	796543	40.878	ng		93
58) Fluorene	10.39	166	2265550	38.833	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	594350m	39.468	ng		
60) Diethylphthalate	10.27	149	2702429	38.000	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	1132912	39.404	ng		96
62) 4-Nitroaniline	10.40	138	700365	40.946	ng		99
63) Azobenzene	10.55	77	2866264	37.856	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	293354	40.287	ng		92
66) n-Nitrosodiphenylamine	10.50	169	2282185	36.979	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	705952	37.838	ng		92
68) Hexachlorobenzene	10.94	284	717965	37.634	ng		94
69) Atrazine	11.03	200	567516	33.343	ng		99
70) Pentachlorophenol	11.13	266	500424	39.889	ng		97
71) Phenanthrene	11.35	178	3235132	38.159	ng		99
72) Anthracene	11.40	178	3302862	38.649	ng		99
73) Carbazole	11.55	167	3404291	38.284	ng		99
74) Di-n-butylphthalate	11.89	149	3894115	37.411	ng		99
75) Fluoranthene	12.53	202	3239624	39.051	ng		98
77) Benzidine	12.65	184	1143085	28.560	ng		96
78) Pyrene	12.76	202	3350241	36.435	ng		100
80) Butylbenzylphthalate	13.39	149	1722602	38.779	ng		99
81) Benzo(a)anthracene	13.94	228	2578928	37.293	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	985976	37.781	ng		97
83) Chrysene	13.99	228	2605005	37.946	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	2123237	39.572	ng		99
85) Di-n-octyl phthalate	14.56	149	3511847	41.635	ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1974294	35.819	ng	#	85
88) Benzo(b)fluoranthene	14.98	252	2220877	38.573	ng		99
89) Benzo(k)fluoranthene	15.01	252	2169192	38.972	ng		99
90) Benzo(a)pyrene	15.33	252	2001927	37.907	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	1653330	37.306	ng		99
92) Benzo(g,h,i)perylene	17.23	276	1628553	36.568	ng		98

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

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