Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113675.D
Acq On : 9 Apr 2019 21:52
Operator : JU/SJ
Sample : K2294-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Manual Integrations APPROVED
Sohil
4/10/2019 6:20:42 PM

Quant Time: Apr 10 07:17:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	104493	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	387210	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	178636	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	328614	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	264951	20.00	ng		-0.02
87) Perylene-d12	15.23	264	271789	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	761494	124.27	ng		0.01
7) Phenol-d6	6.34	99	894602	118.45	ng		0.00
23) Nitrobenzene-d5	7.25	82	608638	92.07	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	289674	134.99	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	1141465	102.87	ng		-0.01
79) Terphenyl-d14	12.77	244	1105082	84.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	110708	38.145	ng	#	82
3) Pyridine	3.15	79	211464	27.842	ng		97
4) n-Nitrosodimethylamine	3.04	42	125576	38.913	ng		93
6) Aniline	6.35	93	84887	9.273	ng	#	1
8) 2-Chlorophenol	6.47	128	293930	41.458	ng		95
9) Benzaldehyde	6.23	77	128720	28.664	ng		97
10) Phenol	6.35	94	306731	35.560	ng	#	75
11) bis(2-Chloroethyl)ether	6.42	93	280595	41.818	ng		98
12) 1,3-Dichlorobenzene	6.62	146	293295	38.414	ng		97
13) 1,4-Dichlorobenzene	6.70	146	300523	38.950	ng		98
14) 1,2-Dichlorobenzene	6.85	146	281132	40.367	ng		97
15) Benzyl Alcohol	6.83	79	154707	30.295	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.96	45	432595	41.420	ng		57
17) 2-Methylphenol	6.96	107	260285	47.373	ng	#	86
18) Hexachloroethane	7.19	117	99334	35.371	ng		99
19) n-Nitroso-di-n-propylamine	7.10	70	204110	43.827	ng		96
20) 3+4-Methylphenols	7.12	107	302299	45.409	ng	#	90
22) Acetophenone	7.09	105	403286	47.421	ng		97
24) Nitrobenzene	7.27	77	300029	44.072	ng		99
25) Isophorone	7.50	82	556854	43.729	ng		98
26) 2-Nitrophenol	7.59	139	156402	42.687	ng		90
27) 2,4-Dimethylphenol	7.63	122	260630	49.758	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	358122	44.482	ng		99
29) 2,4-Dichlorophenol	7.84	162	254330	45.381	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	266192	43.738	ng		98
31) Naphthalene	7.99	128	852798	45.455	ng		99
32) Benzoic acid	7.77	122	80661	19.887	ng		98
33) 4-Chloroaniline	8.05	127	47054	6.325	ng		99
34) Hexachlorobutadiene	8.10	225	154718	41.698	ng		99
35) Caprolactam	8.41	113	63659m	35.783	ng		
36) 4-Chloro-3-methylphenol	8.54	107	253091	44.987	ng		97
37) 2-Methylnaphthalene	8.67	142	566670	45.924	ng		99
38) 1-Methylnaphthalene	8.77	142	532787	44.779	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	270936	46.897	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	36212	28.283	ng		97
43) 2,4,6-Trichlorophenol	8.96	196	167117	45.826	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	180266	46.044	ng		98
46) 1,1'-Biphenyl	9.14	154	703739	47.741	ng		98
47) 2-Chloronaphthalene	9.16	162	520453	46.632	ng		98
48) 2-Nitroaniline	9.26	65	162145	47.479	ng		95
49) Acenaphthylene	9.57	152	826111	45.519	ng		99
50) Dimethylphthalate	9.44	163	615676	46.756	ng		99
51) 2,6-Dinitrotoluene	9.50	165	134943	46.491	ng		96
52) Acenaphthene	9.75	154	484493	46.636	ng		99
53) 3-Nitroaniline	9.68	138	42441	12.861	ng		98
54) 2,4-Dinitrophenol	9.81	184	33004	24.304	ng		91
55) Dibenzofuran	9.92	168	727291	47.724	ng		99
56) 4-Nitrophenol	9.87	139	110006	53.737	ng		95
57) 2,4-Dinitrotoluene	9.92	165	163381	46.542	ng	#	83
58) Fluorene	10.26	166	564792	46.858	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	162284	47.887	ng		96
60) Diethylphthalate	10.14	149	612982	48.283	ng		98
61) 4-Chlorophenyl-phenylether	10.25	204	288402	48.646	ng		92
62) 4-Nitroaniline	10.29	138	116586	34.742	ng		98
63) Azobenzene	10.41	77	543093	45.179	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	26323	15.216	ng		96
66) n-Nitrosodiphenylamine	10.37	169	513005	50.852	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	180531	48.984	ng		99
68) Hexachlorobenzene	10.82	284	197889	46.860	ng		99
69) Atrazine	10.90	200	160054	50.335	ng		95
70) Pentachlorophenol	11.02	266	131251	65.958	ng		98
71) Phenanthrene	11.22	178	770298	47.173	ng		99
72) Anthracene	11.27	178	801355	48.235	ng		99
73) Carbazole	11.43	167	728394	46.877	ng		99
74) Di-n-butylphthalate	11.76	149	933087	50.480	ng		99
75) Fluoranthene	12.40	202	790774	45.193	ng		98
77) Benzidine	12.53	184	86715	8.801	ng		98
78) Pyrene	12.63	202	792096	39.291	ng		99
80) Butylbenzylphthalate	13.24	149	346327	42.203	ng		96
81) Benzo(a)anthracene	13.82	228	680387	44.517	ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	123861	21.040	ng		99
83) Chrysene	13.86	228	700778	45.231	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	469349	47.305	ng		99
85) Di-n-octyl phthalate	14.41	149	812740	50.394	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	669486	46.801	ng		99
88) Benzo(b)fluoranthene	14.84	252	756019	45.442	ng		99
89) Benzo(k)fluoranthene	14.86	252	696865	46.672	ng		98
90) Benzo(a)pyrene	15.18	252	687388	46.497	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	583605	42.214	ng		99
92) Benzo(g,h,i)perylene	17.00	276	542828	38.469	ng		98

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

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