Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106608.D
Acq On : 20 Jun 2018 3:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:46 PM

Quant Time: Jun 20 07:38:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	110973	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	402960	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	159460	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	247992	20.00	ng		0.00
75) Chrysene-d12	14.15	240	286889	20.00	ng		0.00
86) Perylene-d12	15.68	264	240881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	500903	76.43	ng		0.00
7) Phenol-d6	6.61	99	602984	73.68	ng		0.00
23) Nitrobenzene-d5	7.53	82	570343	78.66	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	123875	67.03	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	908257	98.80	ng		0.00
78) Terphenyl-d14	13.08	244	811475	68.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	127255	37.769	ng		96
3) Pyridine	3.58	79	353481	38.684	ng		99
4) n-Nitrosodimethylamine	3.55	42	146118	37.650	ng		90
6) Aniline	6.63	93	408719	36.816	ng		98
8) 2-Chlorophenol	6.75	128	271323	37.746	ng		97
9) Benzaldehyde	6.52	77	214344	38.219	ng		99
10) Phenol	6.62	94	344611	36.896	ng		80
11) bis(2-Chloroethyl)ether	6.70	93	287507	37.287	ng		99
12) 1,3-Dichlorobenzene	6.91	146	317699	37.737	ng		98
13) 1,4-Dichlorobenzene	6.98	146	321736	37.800	ng		97
14) 1,2-Dichlorobenzene	7.14	146	294985	37.817	ng		98
15) Benzyl Alcohol	7.11	79	245520	37.361	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	378103m	37.374	ng		
17) 2-Methylphenol	7.22	107	224898	36.561	ng		97
18) Hexachloroethane	7.47	117	101808	34.014	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	190700	35.349	ng		93
20) 3+4-Methylphenols	7.37	107	253690	36.171	ng	#	66
22) Acetophenone	7.37	105	359811	39.911	ng	#	93
24) Nitrobenzene	7.55	77	289437	39.098	ng		97
25) Isophorone	7.78	82	492790	38.568	ng		99
26) 2-Nitrophenol	7.86	139	134801	38.573	ng		96
27) 2,4-Dimethylphenol	7.90	122	216949	40.164	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	341222	39.774	ng		99
29) 2,4-Dichlorophenol	8.11	162	218996	38.726	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	239548	38.452	ng		97
31) Naphthalene	8.27	128	719284	38.179	ng		99
32) Benzoic acid	8.00	122	103919m	29.022	ng		
33) 4-Chloroaniline	8.32	127	297541	37.640	ng		99
34) Hexachlorobutadiene	8.38	225	166068	40.911	ng		98
35) Caprolactam	8.70	113	65149	35.342	ng		99
36) 4-Chloro-3-methylphenol	8.80	107	214315	36.005	ng		96
37) 2-Methylnaphthalene	8.96	142	451722	36.174	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	238945	44.495	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	16454	5.955	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	147314	41.269	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	147899	39.707	ng	#	92
45) 1,1'-Biphenyl	9.42	154	549890	43.271	ng		99
46) 2-Chloronaphthalene	9.45	162	417500	41.737	ng		96
47) 2-Nitroaniline	9.55	65	135478	40.276	ng		91
48) Acenaphthylene	9.87	152	626360	39.661	ng		99
49) Dimethylphthalate	9.72	163	519731	43.457	ng		99
50) 2,6-Dinitrotoluene	9.79	165	99952	39.468	ng		90
51) Acenaphthene	10.04	154	365008	36.703	ng		99
52) 3-Nitroaniline	9.96	138	112877	38.733	ng		99
53) 2,4-Dinitrophenol	10.07	184	2865	7.383	ng	#	15
54) Dibenzofuran	10.21	168	524276	38.499	ng		99
55) 4-Nitrophenol	10.14	139	62967	30.954	ng		99
56) 2,4-Dinitrotoluene	10.19	165	114649	34.683	ng	#	97
57) Fluorene	10.55	166	389743	36.067	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	102147	34.499	ng	#	83
59) Diethylphthalate	10.42	149	470500	40.760	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	219677	38.853	ng		90
61) 4-Nitroaniline	10.57	138	99126	34.273	ng		99
62) Azobenzene	10.70	77	409975	36.067	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	11115	7.251	ng		76
65) n-Nitrosodiphenylamine	10.66	169	390331	46.795	ng		94
66) 4-Bromophenyl-phenylether	11.04	248	130310	44.029	ng	#	80
67) Hexachlorobenzene	11.10	284	128904	41.613	ng	#	86
68) Atrazine	11.18	200	111968	42.225	ng		97
69) Pentachlorophenol	11.30	266	54927	35.537	ng		99
70) Phenanthrene	11.52	178	493943	41.296	ng		99
71) Anthracene	11.57	178	504411	41.315	ng		99
72) Carbazole	11.73	167	451320	39.484	ng		99
73) Di-n-butylphthalate	12.05	149	590629	43.860	ng		99
74) Fluoranthene	12.71	202	573687	43.515	ng		98
76) Benzidine	12.84	184	311536	38.129	ng		99
77) Pyrene	12.95	202	603502	31.900	ng		99
79) Butylbenzylphthalate	13.55	149	257966	33.165	ng	#	93
80) Benzo(a)anthracene	14.14	228	663516	37.948	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	250711	40.797	ng	#	98
82) Chrysene	14.18	228	618307	38.437	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	362836	36.487	ng		99
84) Di-n-octyl phthalate	14.74	149	687840	42.434	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	441136	32.315	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	603005	40.299	ng		97
88) Benzo(k)fluoranthene	15.26	252	590388	41.432	ng	#	96
89) Benzo(a)pyrene	15.62	252	516305	38.814	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	382907	33.966	ng	#	96
91) Benzo(g,h,i)perylene	17.72	276	350907	31.846	ng	#	92

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

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