Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116372.D
Acq On : 18 Aug 2019 2:18
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/19/2019 3:31:20 PM

Quant Time: Aug 19 07:44:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	109357	20.00	ng		-0.04
21) Naphthalene-d8	8.09	136	447562	20.00	ng		-0.04
39) Acenaphthene-d10	9.85	164	224475	20.00	ng		-0.04
64) Phenanthrene-d10	11.33	188	343081	20.00	ng		-0.04
76) Chrysene-d12	13.97	240	204378	20.00	ng		-0.04
87) Perylene-d12	15.43	264	237522	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	589602	90.26	ng		-0.04
7) Phenol-d6	6.46	99	706374	85.71	ng		-0.03
23) Nitrobenzene-d5	7.38	82	641029	82.67	ng		-0.04
42) 2,4,6-Tribromophenol	10.63	330	158576	72.86	ng		-0.04
45) 2-Fluorobiphenyl	9.16	172	1069946	89.28	ng		-0.04
79) Terphenyl-d14	12.90	244	934379	96.34	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	134718	40.822	ng		100
3) Pyridine	3.27	79	325617	35.322	ng		99
4) n-Nitrosodimethylamine	3.23	42	138250m	38.002	ng		
6) Aniline	6.47	93	452808	38.363	ng	#	68
8) 2-Chlorophenol	6.60	128	321853	44.556	ng		99
9) Benzaldehyde	6.37	77	239502	42.116	ng		97
10) Phenol	6.47	94	405189	41.748	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	312615	43.810	ng		98
12) 1,3-Dichlorobenzene	6.75	146	350884	42.031	ng		99
13) 1,4-Dichlorobenzene	6.83	146	359573	43.017	ng		98
14) 1,2-Dichlorobenzene	6.98	146	334430	43.451	ng		99
15) Benzyl Alcohol	6.96	79	259142	41.432	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	410367	42.162	ng		81
17) 2-Methylphenol	7.07	107	258509	42.264	ng		97
18) Hexachloroethane	7.32	117	117035	38.029	ng		100
19) n-Nitroso-di-n-propylamine	7.23	70	221268	43.324	ng		98
20) 3+4-Methylphenols	7.23	107	330779	45.699	ng	#	78
22) Acetophenone	7.22	105	425835	43.383	ng		94
24) Nitrobenzene	7.40	77	353558	42.231	ng		99
25) Isophorone	7.63	82	622930	42.016	ng		99
26) 2-Nitrophenol	7.72	139	167482	42.439	ng		93
27) 2,4-Dimethylphenol	7.75	122	245873	41.411	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	392779	42.742	ng		99
29) 2,4-Dichlorophenol	7.96	162	268074	42.761	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	295730	41.383	ng		100
31) Naphthalene	8.12	128	896659	42.574	ng		99
32) Benzoic acid	7.90	122	114967	27.464	ng		96
33) 4-Chloroaniline	8.17	127	387122	41.138	ng		98
34) Hexachlorobutadiene	8.23	225	170558	41.436	ng		99
35) Caprolactam	8.55	113	81790	40.339	ng		95
36) 4-Chloro-3-methylphenol	8.66	107	274877	42.147	ng		99
37) 2-Methylnaphthalene	8.80	142	583674	42.080	ng		98
38) 1-Methylnaphthalene	8.90	142	558557	42.566	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	264367	44.053	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	13214	10.463	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	159051	38.505	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	158696	37.167	ng		98
46) 1,1'-Biphenyl	9.26	154	701760	44.281	ng		99
47) 2-Chloronaphthalene	9.29	162	564495	42.797	ng		99
48) 2-Nitroaniline	9.40	65	183157	42.010	ng		98
49) Acenaphthylene	9.70	152	828500	43.054	ng		99
50) Dimethylphthalate	9.56	163	662311	43.333	ng		100
51) 2,6-Dinitrotoluene	9.63	165	141229	42.519	ng	#	88
52) Acenaphthene	9.87	154	507229	42.966	ng		100
53) 3-Nitroaniline	9.81	138	161945	39.459	ng		94
54) 2,4-Dinitrophenol	9.95	184	8809	12.518	ng		95
55) Dibenzofuran	10.05	168	711385	41.437	ng		99
56) 4-Nitrophenol	9.99	139	71748	27.290	ng		96
57) 2,4-Dinitrotoluene	10.05	165	172099	38.916	ng	#	88
58) Fluorene	10.39	166	580710	43.964	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	115267	32.087	ng		98
60) Diethylphthalate	10.26	149	625679	43.846	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	297579	44.484	ng		98
62) 4-Nitroaniline	10.42	138	145227	34.240	ng		98
63) Azobenzene	10.54	77	624059	42.519	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	33669	18.519	ng		79
66) n-Nitrosodiphenylamine	10.50	169	495306	47.965	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	175050	47.663	ng		99
68) Hexachlorobenzene	10.94	284	186291	43.865	ng		98
69) Atrazine	11.03	200	166238	48.934	ng		99
70) Pentachlorophenol	11.15	266	68438	33.193	ng		98
71) Phenanthrene	11.36	178	765282	43.633	ng		99
72) Anthracene	11.40	178	771767	43.479	ng		99
73) Carbazole	11.56	167	669576	41.579	ng		99
74) Di-n-butylphthalate	11.88	149	914504	48.680	ng		99
75) Fluoranthene	12.54	202	695723	37.890	ng		100
77) Benzidine	12.66	184	278989	40.405	ng		98
78) Pyrene	12.77	202	673586	43.721	ng		99
80) Butylbenzylphthalate	13.37	149	317570	48.730	ng		95
81) Benzo(a)anthracene	13.96	228	561916	43.015	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	208436	45.928	ng		100
83) Chrysene	14.00	228	557366	43.949	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	444701	52.511	ng		99
85) Di-n-octyl phthalate	14.54	149	694003	51.593	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	544535	51.122	ng		100
88) Benzo(b)fluoranthene	15.00	252	571107	41.584	ng		99
89) Benzo(k)fluoranthene	15.03	252	528781	39.529	ng		98
90) Benzo(a)pyrene	15.37	252	516528	42.073	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	458615	43.155	ng		100
92) Benzo(g,h,i)perylene	17.33	276	416370	39.895	ng		99

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

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