Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
Data File : BF115832.D
Acq On : 29 Jul 2019 15:18
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 29 16:37:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125961	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	505514	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	265258	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	462434	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	365221	20.00	ng	-0.01
87) Perylene-d12	15.49	264	341102	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	630748	81.91	ng	-0.01
7) Phenol-d6	6.49	99	792565	81.11	ng	-0.01
23) Nitrobenzene-d5	7.43	82	706257	81.24	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	209303	67.60	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1188756	78.44	ng	-0.02
79) Terphenyl-d14	12.96	244	1356957	68.56	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	153405	39.936	ng	99
3) Pyridine	3.38	79	419656	40.268	ng	100
4) n-Nitrosodimethylamine	3.33	42	167660	44.346	ng	100
6) Aniline	6.52	93	539253	39.656	ng	99
8) 2-Chlorophenol	6.65	128	352004	39.758	ng	99
9) Benzaldehyde	6.41	77	240215	39.340	ng	99
10) Phenol	6.51	94	471045	41.527	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	334167	38.694	ng	95
12) 1,3-Dichlorobenzene	6.80	146	394894	39.671	ng	98
13) 1,4-Dichlorobenzene	6.88	146	391011	39.369	ng	99
14) 1,2-Dichlorobenzene	7.03	146	366699	40.389	ng	99
15) Benzyl Alcohol	7.00	79	300085	38.714	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	449976	39.577	ng	100
17) 2-Methylphenol	7.12	107	283608	37.170	ng	99
18) Hexachloroethane	7.37	117	144825	39.286	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	232884	36.544	ng	99
20) 3+4-Methylphenols	7.27	107	351488	38.783	ng	99
22) Acetophenone	7.27	105	455437	39.880	ng	98
24) Nitrobenzene	7.45	77	386258	41.192	ng	99
25) Isophorone	7.68	82	655730	37.694	ng	98
26) 2-Nitrophenol	7.76	139	185137	38.358	ng	95
27) 2,4-Dimethylphenol	7.80	122	269363	37.300	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	417500	39.120	ng	99
29) 2,4-Dichlorophenol	8.00	162	290988	38.744	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	327311	38.554	ng	99
31) Naphthalene	8.17	128	981464	40.089	ng	99
32) Benzoic acid	7.92	122	207976	35.092	ng	99
33) 4-Chloroaniline	8.21	127	423172	39.022	ng	98
34) Hexachlorobutadiene	8.29	225	187540	38.522	ng	98
35) Caprolactam	8.58	113	89796	38.691	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	301277	38.672	ng	98
37) 2-Methylnaphthalene	8.86	142	642827	39.611	ng	99
38) 1-Methylnaphthalene	8.96	142	612281	39.721	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	289716	36.270	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	150097	32.941	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	192369	32.932	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	203777	34.063	ng		99
46) 1,1'-Biphenyl	9.32	154	774185	37.332	ng		99
47) 2-Chloronaphthalene	9.35	162	623279	36.096	ng		99
48) 2-Nitroaniline	9.44	65	204466	38.258	ng		96
49) Acenaphthylene	9.76	152	951578	37.192	ng		100
50) Dimethylphthalate	9.62	163	703966	35.274	ng		100
51) 2,6-Dinitrotoluene	9.67	165	158311	34.906	ng		91
52) Acenaphthene	9.93	154	575222	34.823	ng		98
53) 3-Nitroaniline	9.85	138	190823	36.818	ng		95
54) 2,4-Dinitrophenol	9.96	184	75558	32.448	ng		99
55) Dibenzofuran	10.10	168	842424	35.911	ng		99
56) 4-Nitrophenol	10.01	139	128463	32.504	ng		97
57) 2,4-Dinitrotoluene	10.09	165	213538	36.342	ng		94
58) Fluorene	10.45	166	645044	38.464	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	171472	34.289	ng		99
60) Diethylphthalate	10.32	149	669568	35.808	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	324048	34.844	ng		99
62) 4-Nitroaniline	10.46	138	197331	39.693	ng		99
63) Azobenzene	10.59	77	704074	38.819	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	102836	36.398	ng		89
66) n-Nitrosodiphenylamine	10.55	169	570271	39.644	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	199935	37.834	ng		93
68) Hexachlorobenzene	11.00	284	229972	38.107	ng	#	93
69) Atrazine	11.07	200	152234	32.260	ng		99
70) Pentachlorophenol	11.19	266	138751	37.591	ng		99
71) Phenanthrene	11.40	178	979150	41.307	ng		100
72) Anthracene	11.46	178	994626	40.602	ng		99
73) Carbazole	11.61	167	911860	42.447	ng		100
74) Di-n-butylphthalate	11.94	149	1044564	39.475	ng		99
75) Fluoranthene	12.59	202	1037769	41.430	ng		98
77) Benzidine	12.71	184	592066	45.762	ng		100
78) Pyrene	12.82	202	1078148	34.843	ng		99
80) Butylbenzylphthalate	13.43	149	464303	35.199	ng		97
81) Benzo(a)anthracene	14.01	228	946671	39.345	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	329291	38.498	ng		99
83) Chrysene	14.05	228	911908	37.754	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	627826	38.425	ng		99
85) Di-n-octyl phthalate	14.61	149	1003468	38.599	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	753511	36.720	ng		99
88) Benzo(b)fluoranthene	15.06	252	815681	37.137	ng		100
89) Benzo(k)fluoranthene	15.09	252	768340	39.236	ng		99
90) Benzo(a)pyrene	15.43	252	714938	37.872	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	623186	37.602	ng		99
92) Benzo(g,h,i)perylene	17.40	276	607781	36.771	ng		99

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

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