Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
Data File : BF113275.D
Acq On : 25 Mar 2019 12:35
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Mar 25 13:31:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 25 13:25:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157880	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	607928	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	252470	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	517104	20.00	ng	0.00
76) Chrysene-d12	13.84	240	414132	20.00	ng	0.00
87) Perylene-d12	15.24	264	356089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	692639	68.24	ng	0.00
7) Phenol-d6	6.36	99	929740	72.92	ng	0.00
23) Nitrobenzene-d5	7.27	82	895287	88.12	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	255394	95.29	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1355692	90.52	ng	0.00
79) Terphenyl-d14	12.80	244	1543417	72.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	185740	36.508	ng	100
3) Pyridine	3.07	79	432842	31.800	ng	100
4) n-Nitrosodimethylamine	3.02	42	184686	31.018	ng	100
6) Aniline	6.37	93	580980	33.105	ng	100
8) 2-Chlorophenol	6.49	128	429490	38.014	ng	100
9) Benzaldehyde	6.25	77	313888	34.168	ng	100
10) Phenol	6.37	94	529508	35.591	ng	100
11) bis(2-Chloroethyl)ether	6.45	93	402082	35.210	ng	100
12) 1,3-Dichlorobenzene	6.65	146	460649	39.469	ng	100
13) 1,4-Dichlorobenzene	6.72	146	469315	40.096	ng	100
14) 1,2-Dichlorobenzene	6.87	146	444568	41.433	ng	100
15) Benzyl Alcohol	6.85	79	336396	34.602	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	661846	34.730	ng	100
17) 2-Methylphenol	6.97	107	358686	39.134	ng	100
18) Hexachloroethane	7.22	117	172790	38.539	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	293391	36.335	ng	100
20) 3+4-Methylphenols	7.13	107	428791	41.437	ng	100
22) Acetophenone	7.12	105	571015	40.170	ng	100
24) Nitrobenzene	7.29	77	477807	42.255	ng	100
25) Isophorone	7.53	82	839113	38.338	ng	100
26) 2-Nitrophenol	7.60	139	244871	52.021	ng	100
27) 2,4-Dimethylphenol	7.65	122	345232	39.423	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	521856	38.136	ng	100
29) 2,4-Dichlorophenol	7.86	162	369845	43.551	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	398248	43.645	ng	100
31) Naphthalene	8.01	128	1187350	39.339	ng	100
32) Benzoic acid	7.79	122	268582	43.759	ng	100
33) 4-Chloroaniline	8.06	127	422099	33.018	ng	100
34) Hexachlorobutadiene	8.13	225	208719	40.559	ng	100
35) Caprolactam	8.44	113	113140	37.827	ng	100
36) 4-Chloro-3-methylphenol	8.56	107	317012	33.731	ng	100
37) 2-Methylnaphthalene	8.70	142	675872	34.676	ng	100
38) 1-Methylnaphthalene	8.80	142	651151	34.487	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	324961	44.139	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	132721	32.920 ng	100
43) 2,4,6-Trichlorophenol	8.99	196	210164	41.478 ng	100
44) 2,4,5-Trichlorophenol	9.03	196	229603	41.923 ng	100
46) 1,1'-Biphenyl	9.16	154	838036	40.695 ng	100
47) 2-Chloronaphthalene	9.19	162	647528	40.270 ng	100
48) 2-Nitroaniline	9.29	65	202816	41.497 ng	100
49) Acenaphthylene	9.60	152	1076359	39.430 ng	100
50) Dimethylphthalate	9.47	163	749690	40.271 ng	100
51) 2,6-Dinitrotoluene	9.53	165	170673	44.027 ng	100
52) Acenaphthene	9.77	154	597102	37.404 ng	100
53) 3-Nitroaniline	9.70	138	193707	41.008 ng	100
54) 2,4-Dinitrophenol	9.80	184	78468	51.947 ng	100
55) Dibenzofuran	9.95	168	915061	39.440 ng	100
56) 4-Nitrophenol	9.87	139	138158	35.988 ng	100
57) 2,4-Dinitrotoluene	9.93	165	220191	45.695 ng	100
58) Fluorene	10.29	166	701431	42.596 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	207935	45.571 ng	100
60) Diethylphthalate	10.16	149	739942	37.634 ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	345775	45.131 ng	100
62) 4-Nitroaniline	10.31	138	200818	46.007 ng	100
63) Azobenzene	10.44	77	704841	35.000 ng	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	109932	51.380 ng	100
66) n-Nitrosodiphenylamine	10.40	169	624181	37.637 ng	100
67) 4-Bromophenyl-phenylether	10.76	248	226698	41.622 ng	100
68) Hexachlorobenzene	10.84	284	265002	43.162 ng	100
69) Atrazine	10.93	200	202217	39.813 ng	100
70) Pentachlorophenol	11.03	266	132912	36.780 ng	100
71) Phenanthrene	11.24	178	1043946	40.576 ng	100
72) Anthracene	11.29	178	1058445	39.301 ng	100
73) Carbazole	11.45	167	1012625	38.544 ng	100
74) Di-n-butylphthalate	11.78	149	1175555	37.317 ng	100
75) Fluoranthene	12.42	202	1152333	41.805 ng	100
77) Benzidine	12.54	184	641212	29.843 ng	100
78) Pyrene	12.65	202	1176268	33.692 ng	100
80) Butylbenzylphthalate	13.27	149	509981	33.093 ng	100
81) Benzo(a)anthracene	13.83	228	968831	33.755 ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	397880	36.653 ng	100
83) Chrysene	13.87	228	980931	34.890 ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	633408	35.042 ng	100
85) Di-n-octyl phthalate	14.44	149	1108924	35.728 ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	780077	32.546 ng	100
88) Benzo(b)fluoranthene	14.85	252	892168	38.735 ng	100
89) Benzo(k)fluoranthene	14.88	252	823630	39.478 ng	100
90) Benzo(a)pyrene	15.19	252	780818	38.326 ng	100
91) Dibenzo(a,h)anthracene	16.61	278	645869	37.152 ng	100
92) Benzo(g,h,i)perylene	17.00	276	627769	35.962 ng	100

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

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