Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117802.D
Acq On : 15 Nov 2019 14:49
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 18 01:38:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	306578	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1159881	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	608545	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1138026	20.00	ng	0.00
76) Chrysene-d12	14.12	240	733754	20.00	ng	0.00
87) Perylene-d12	15.62	264	642165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1340882	77.42	ng	0.00
7) Phenol-d6	6.55	99	1619310	77.51	ng	0.00
23) Nitrobenzene-d5	7.49	82	1573743	80.66	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	509643	79.11	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2799858	82.54	ng	0.00
79) Terphenyl-d14	13.06	244	3047493	75.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	339160	41.893	ng	99
3) Pyridine	3.49	79	863695	40.670	ng	99
4) n-Nitrosodimethylamine	3.44	42	377342	40.704	ng	97
6) Aniline	6.59	93	1114610	40.376	ng	99
8) 2-Chlorophenol	6.71	128	746324	39.712	ng	99
9) Benzaldehyde	6.47	77	523522	38.258	ng	99
10) Phenol	6.56	94	862100	39.713	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	695666	39.906	ng	99
12) 1,3-Dichlorobenzene	6.87	146	873478	39.478	ng	99
13) 1,4-Dichlorobenzene	6.95	146	888002	39.706	ng	99
14) 1,2-Dichlorobenzene	7.10	146	829156	38.765	ng	100
15) Benzyl Alcohol	7.06	79	642286	39.823	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1067827	39.786	ng	99
17) 2-Methylphenol	7.17	107	626447	39.361	ng	99
18) Hexachloroethane	7.45	117	325811	39.657	ng	99
19) n-Nitroso-di-n-propylamine	7.34	70	507257	39.360	ng	100
20) 3+4-Methylphenols	7.32	107	770890	39.020	ng	100
22) Acetophenone	7.33	105	1023707	39.284	ng	99
24) Nitrobenzene	7.51	77	801498	39.819	ng	99
25) Isophorone	7.75	82	1397340	39.074	ng	99
26) 2-Nitrophenol	7.82	139	401755	41.007	ng	93
27) 2,4-Dimethylphenol	7.86	122	605088	39.746	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	880892	38.817	ng	100
29) 2,4-Dichlorophenol	8.06	162	652622	39.521	ng	100
30) 1,2,4-Trichlorobenzene	8.15	180	754737	39.403	ng	99
31) Naphthalene	8.23	128	2146825	39.703	ng	99
32) Benzoic acid	7.97	122	501146	39.315	ng	99
33) 4-Chloroaniline	8.28	127	956666	39.520	ng	99
34) Hexachlorobutadiene	8.35	225	446812	39.898	ng	99
35) Caprolactam	8.65	113	206768	39.398	ng	97
36) 4-Chloro-3-methylphenol	8.76	107	660629	39.420	ng	98
37) 2-Methylnaphthalene	8.93	142	1445751	39.572	ng	100
38) 1-Methylnaphthalene	9.03	142	1369894	39.661	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	690002	39.043	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	381132	38.483	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	498966	39.418	ng	98
44) 2,4,5-Trichlorophenol	9.24	196	501354	38.147	ng	98
46) 1,1'-Biphenyl	9.39	154	1793047	39.715	ng	100
47) 2-Chloronaphthalene	9.42	162	1447190	38.964	ng	100
48) 2-Nitroaniline	9.51	65	452703	40.372	ng	98
49) Acenaphthylene	9.84	152	2131779	39.368	ng	100
50) Dimethylphthalate	9.69	163	1656573	38.819	ng	100
51) 2,6-Dinitrotoluene	9.75	165	377694	40.497	ng	98
52) Acenaphthene	10.01	154	1368841	39.461	ng	98
53) 3-Nitroaniline	9.92	138	451555	40.462	ng	100
54) 2,4-Dinitrophenol	10.03	184	167666	39.053	ng	99
55) Dibenzofuran	10.18	168	1896776	39.487	ng	99
56) 4-Nitrophenol	10.07	139	335497	40.275	ng	98
57) 2,4-Dinitrotoluene	10.16	165	491451	41.424	ng	100
58) Fluorene	10.53	166	1424554	38.270	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.30	232	420984	38.984	ng	98
60) Diethylphthalate	10.39	149	1635995	39.323	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	744953	39.435	ng	99
62) 4-Nitroaniline	10.54	138	454820	40.704	ng	99
63) Azobenzene	10.68	77	1470923	38.862	ng	94
65) 4,6-Dinitro-2-methylphenol	10.57	198	221317	41.658	ng	97
66) n-Nitrosodiphenylamine	10.63	169	1313493	39.659	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	486003	39.580	ng	98
68) Hexachlorobenzene	11.07	284	565783	39.515	ng	99
69) Atrazine	11.16	200	422043	38.738	ng	100
70) Pentachlorophenol	11.27	266	337795	40.382	ng	98
71) Phenanthrene	11.49	178	2208321	38.596	ng	100
72) Anthracene	11.54	178	2183443	38.489	ng	99
73) Carbazole	11.70	167	1973258	39.805	ng	99
74) Di-n-butylphthalate	12.03	149	2368424	38.373	ng	100
75) Fluoranthene	12.69	202	2230588	42.372	ng	100
77) Benzidine	12.80	184	980551	40.797	ng	99
78) Pyrene	12.92	202	2217556	37.396	ng	99
80) Butylbenzylphthalate	13.53	149	984874	38.670	ng	100
81) Benzo(a)anthracene	14.10	228	1863731	38.437	ng	99
82) 3,3'-Dichlorobenzidine	14.06	252	685410	40.412	ng	100
83) Chrysene	14.14	228	1834057	39.035	ng	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1231538	39.885	ng	100
85) Di-n-octyl phthalate	14.71	149	1833171	40.413	ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1465155	36.640	ng	100
88) Benzo(b)fluoranthene	15.17	252	1645703	39.445	ng	99
89) Benzo(k)fluoranthene	15.21	252	1528847	38.891	ng	99
90) Benzo(a)pyrene	15.56	252	1407112	38.354	ng	98
91) Dibenzo(a,h)anthracene	17.17	278	1193176	37.785	ng	99
92) Benzo(g,h,i)perylene	17.62	276	1176508	37.406	ng	99

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

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