Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
Data File : BF117675.D
Acq On : 1 Nov 2019 12:15
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 01 13:13:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	37227	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	157528	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	79660	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	132329	20.00	ng		0.00
76) Chrysene-d12	13.89	240	86880	20.00	ng		0.00
87) Perylene-d12	15.33	264	78052	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	178551	71.35	ng		0.00
7) Phenol-d6	6.39	99	235988	70.22	ng		0.00
23) Nitrobenzene-d5	7.29	82	228153	71.50	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	45518	66.04	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	389080	68.82	ng		-0.01
79) Terphenyl-d14	12.83	244	369458	69.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	36692	34.876	ng		97
3) Pyridine	3.09	79	87086	33.814	ng		98
4) n-Nitrosodimethylamine	3.05	42	29782	31.875	ng		92
6) Aniline	6.39	93	138476	35.095	ng	#	80
8) 2-Chlorophenol	6.52	128	92981	35.214	ng		97
9) Benzaldehyde	6.28	77	61792	37.158	ng		98
10) Phenol	6.40	94	115030	33.534	ng		94
11) bis(2-Chloroethyl)ether	6.46	93	91967	36.247	ng		98
12) 1,3-Dichlorobenzene	6.66	146	104505	35.466	ng		98
13) 1,4-Dichlorobenzene	6.74	146	104878	35.086	ng		98
14) 1,2-Dichlorobenzene	6.89	146	100212	35.566	ng		98
15) Benzyl Alcohol	6.88	79	82605	34.402	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	98362	35.937	ng		73
17) 2-Methylphenol	7.00	107	75673	34.838	ng	#	87
18) Hexachloroethane	7.23	117	40764	34.939	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	72542	35.342	ng		97
20) 3+4-Methylphenols	7.16	107	102031	35.827	ng	#	66
22) Acetophenone	7.14	105	147998	35.381	ng	#	94
24) Nitrobenzene	7.32	77	109211	35.734	ng		98
25) Isophorone	7.55	82	187247	33.922	ng		98
26) 2-Nitrophenol	7.63	139	47749	35.030	ng		98
27) 2,4-Dimethylphenol	7.67	122	71347	35.024	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	118374	34.753	ng		99
29) 2,4-Dichlorophenol	7.89	162	72743	34.045	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	79208	34.545	ng		99
31) Naphthalene	8.03	128	273599	35.040	ng		99
32) Benzoic acid	7.83	122	30770	22.053	ng		94
33) 4-Chloroaniline	8.09	127	118857	36.069	ng		99
34) Hexachlorobutadiene	8.14	225	45224	34.076	ng		98
35) Caprolactam	8.47	113	25263	36.806	ng		90
36) 4-Chloro-3-methylphenol	8.59	107	85323	35.014	ng		99
37) 2-Methylnaphthalene	8.72	142	178115	33.854	ng		98
38) 1-Methylnaphthalene	8.82	142	171110	34.610	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	73358	34.191	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	2448	15.392	ng		96
43) 2,4,6-Trichlorophenol	9.02	196	44732	33.292	ng		97
44) 2,4,5-Trichlorophenol	9.07	196	44739	32.860	ng		95
46) 1,1'-Biphenyl	9.18	154	230747	34.989	ng		99
47) 2-Chloronaphthalene	9.21	162	176116	35.419	ng		96
48) 2-Nitroaniline	9.32	65	58644	35.927	ng		87
49) Acenaphthylene	9.62	152	260971	35.732	ng		100
50) Dimethylphthalate	9.48	163	194525	34.254	ng		99
51) 2,6-Dinitrotoluene	9.56	165	41949	35.399	ng		92
52) Acenaphthene	9.79	154	155188	34.633	ng		99
53) 3-Nitroaniline	9.73	138	51391	35.742	ng		96
54) 2,4-Dinitrophenol	9.88	184	13000	29.528	ng		93
55) Dibenzofuran	9.96	168	230227	35.463	ng		97
56) 4-Nitrophenol	9.96	139	103878	152.975	ng	#	11
57) 2,4-Dinitrotoluene	9.97	165	55897	35.478	ng	#	89
58) Fluorene	10.31	166	189649	35.326	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	32985	30.825	ng	#	96
60) Diethylphthalate	10.17	149	197913	34.456	ng		99
61) 4-Chlorophenyl-phenylether	10.29	204	83138	34.516	ng		99
62) 4-Nitroaniline	10.35	138	50297	37.112	ng		97
63) Azobenzene	10.46	77	205489	34.947	ng		99
65) 4,6-Dinitro-2-methylphenol	10.40	198	18760	27.884	ng		92
66) n-Nitrosodiphenylamine	10.42	169	160558	33.189	ng		99
67) 4-Bromophenyl-phenylether	10.78	248	46228	32.433	ng		97
68) Hexachlorobenzene	10.86	284	49818	32.636	ng		96
69) Atrazine	10.95	200	33910	27.551	ng		97
70) Pentachlorophenol	11.07	266	14814	32.373	ng		90
71) Phenanthrene	11.27	178	260303	33.877	ng		99
72) Anthracene	11.32	178	264842	33.592	ng		99
73) Carbazole	11.49	167	244950	33.997	ng		100
74) Di-n-butylphthalate	11.80	149	322181	33.466	ng		99
75) Fluoranthene	12.46	202	260763	33.900	ng		99
77) Benzidine	12.59	184	97575	39.014	ng		97
78) Pyrene	12.69	202	267584	35.857	ng		99
80) Butylbenzylphthalate	13.29	149	129131	34.773	ng		98
81) Benzo(a)anthracene	13.88	228	203493	34.723	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	68198	37.085	ng	#	97
83) Chrysene	13.92	228	205852	35.841	ng		99
84) Bis(2-ethylhexyl)phthalate	13.85	149	180198	34.641	ng		96
85) Di-n-octyl phthalate	14.46	149	286589	35.833	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	153558	35.810	ng		98
88) Benzo(b)fluoranthene	14.92	252	167009	36.235	ng		99
89) Benzo(k)fluoranthene	14.94	252	158291	33.508	ng		97
90) Benzo(a)pyrene	15.27	252	145493	34.719	ng		100
91) Dibenzo(a,h)anthracene	16.74	278	129299	35.683	ng		98
92) Benzo(g,h,i)perylene	17.17	276	119373	34.818	ng		95

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

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