Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119131.D
Acq On : 28 Feb 2020 14:49
Operator : CG/JU
Sample : PB127140BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127140BS

Quant Time: Mar 02 02:52:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	139844	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	540411	20.00	ng		-0.02
39) Acenaphthene-d10	9.77	164	308885	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	579056	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	395925	20.00	ng		-0.02
87) Perylene-d12	15.30	264	257576	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	905710	108.24	ng		0.00
7) Phenol-d6	6.39	99	1121766	110.23	ng		-0.02
23) Nitrobenzene-d5	7.30	82	661013	64.58	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	421759	104.38	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1391135	66.35	ng		-0.02
79) Terphenyl-d14	12.83	244	1642597	71.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	130938	35.144	ng		99
3) Pyridine	3.23	79	311345	30.599	ng		98
4) n-Nitrosodimethylamine	3.16	42	120014	38.936	ng		97
6) Aniline	6.40	93	337098	26.844	ng		86
8) 2-Chlorophenol	6.53	128	373193	41.325	ng		98
9) Benzaldehyde	6.29	77	126518	18.607	ng		98
10) Phenol	6.40	94	439798	39.970	ng		94
11) bis(2-Chloroethyl)ether	6.47	93	341752	40.593	ng		99
12) 1,3-Dichlorobenzene	6.67	146	410951	37.967	ng		97
13) 1,4-Dichlorobenzene	6.75	146	419431	38.724	ng		99
14) 1,2-Dichlorobenzene	6.90	146	390925	39.575	ng		98
15) Benzyl Alcohol	6.89	79	314004	42.691	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	271421	37.217	ng		73
17) 2-Methylphenol	7.00	107	301865	41.229	ng		99
18) Hexachloroethane	7.25	117	148352	38.284	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	251029	42.331	ng		97
20) 3+4-Methylphenols	7.16	107	382996	42.697	ng		95
22) Acetophenone	7.15	105	505349	40.416	ng	#	96
24) Nitrobenzene	7.32	77	391831	38.713	ng		96
25) Isophorone	7.56	82	704087	39.611	ng		99
26) 2-Nitrophenol	7.63	139	210816	39.311	ng		99
27) 2,4-Dimethylphenol	7.68	122	321788	44.212	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	428608	37.045	ng		99
29) 2,4-Dichlorophenol	7.89	162	333306	38.900	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	367157	36.141	ng		99
31) Naphthalene	8.04	128	1083481	38.659	ng		98
32) Benzoic acid	7.83	122	181408	36.085	ng		100
33) 4-Chloroaniline	8.09	127	301981	25.051	ng		97
34) Hexachlorobutadiene	8.16	225	223000	35.240	ng		98
35) Caprolactam	8.46	113	98262m	37.244	ng		
36) 4-Chloro-3-methylphenol	8.59	107	345171	39.805	ng		97
37) 2-Methylnaphthalene	8.73	142	757243	40.149	ng		98
38) 1-Methylnaphthalene	8.83	142	708077	39.919	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	375408	36.047	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	166374	48.129 ng		98
43) 2,4,6-Trichlorophenol	9.02	196	241112	36.662 ng		99
44) 2,4,5-Trichlorophenol	9.06	196	256805	37.212 ng		99
46) 1,1'-Biphenyl	9.19	154	915920	36.689 ng		98
47) 2-Chloronaphthalene	9.22	162	733790	36.475 ng		98
48) 2-Nitroaniline	9.32	65	205320	36.592 ng		96
49) Acenaphthylene	9.63	152	1118169	38.484 ng		99
50) Dimethylphthalate	9.50	163	896981	37.976 ng		99
51) 2,6-Dinitrotoluene	9.56	165	200714	38.248 ng	#	87
52) Acenaphthene	9.80	154	659136	37.622 ng		99
53) 3-Nitroaniline	9.73	138	142903	24.564 ng		97
54) 2,4-Dinitrophenol	9.85	184	173402	69.111 ng		98
55) Dibenzofuran	9.97	168	1014544	38.797 ng		99
56) 4-Nitrophenol	9.91	139	234835	67.185 ng		95
57) 2,4-Dinitrotoluene	9.97	165	260053	38.232 ng		97
58) Fluorene	10.32	166	799184	39.329 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	213910	36.734 ng		99
60) Diethylphthalate	10.19	149	872777	39.210 ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	418027	38.865 ng		96
62) 4-Nitroaniline	10.35	138	192118	32.277 ng		98
63) Azobenzene	10.47	77	772271	39.915 ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	144501	41.240 ng		87
66) n-Nitrosodiphenylamine	10.43	169	729831	38.492 ng		99
67) 4-Bromophenyl-phenylether	10.80	248	276026	36.468 ng		94
68) Hexachlorobenzene	10.87	284	312573	35.818 ng		96
69) Atrazine	10.96	200	252126	38.059 ng		97
70) Pentachlorophenol	11.07	266	243438	69.251 ng		100
71) Phenanthrene	11.28	178	1193865	37.806 ng		98
72) Anthracene	11.33	178	1230736	39.006 ng		98
73) Carbazole	11.49	167	1046854	37.242 ng		99
74) Di-n-butylphthalate	11.81	149	1348158	39.604 ng		99
75) Fluoranthene	12.46	202	1256868	37.496 ng		99
77) Benzidine	12.58	184	217125	13.484 ng		98
78) Pyrene	12.69	202	1242746	39.090 ng		99
80) Butylbenzylphthalate	13.30	149	539030	40.285 ng		99
81) Benzo(a)anthracene	13.88	228	1030465	38.198 ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	290630	27.744 ng	#	98
83) Chrysene	13.92	228	971733	36.150 ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	742086	43.899 ng		97
85) Di-n-octyl phthalate	14.47	149	1118609	41.532 ng		99
86) Indeno(1,2,3-cd)pyrene	16.71	276	826309	31.748 ng		100
88) Benzo(b)fluoranthene	14.90	252	834204	49.134 ng		100
89) Benzo(k)fluoranthene	14.93	252	824624	52.411 ng		99
90) Benzo(a)pyrene	15.25	252	714608	46.636 ng		98
91) Dibenzo(a,h)anthracene	16.71	278	696637	51.670 ng		98
92) Benzo(g,h,i)perylene	17.12	276	707780	53.131 ng		98

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

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