Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119282.D
Acq On : 9 Mar 2020 12:18
Operator : CG/JU
Sample : PB127331BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Manual Integrations APPROVED
mohammad
3/10/2020 2:44:07 PM

Quant Time: Mar 09 16:23:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122524	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	485335	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	274112	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	507237	20.00	ng		0.00
76) Chrysene-d12	13.89	240	328488	20.00	ng		0.00
87) Perylene-d12	15.32	264	272030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	666402	90.89	ng		0.00
7) Phenol-d6	6.38	99	552394	61.95	ng		0.00
23) Nitrobenzene-d5	7.30	82	800290	87.06	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	455384	126.99	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1583519	85.10	ng		0.00
79) Terphenyl-d14	12.83	244	1940949	101.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	53129	16.276	ng		98
4) n-Nitrosodimethylamine	3.12	42	44727	16.562	ng		88
6) Aniline	6.40	93	7432m	0.675	ng		
8) 2-Chlorophenol	6.52	128	383969	48.529	ng		99
9) Benzaldehyde	6.27	77	179585	30.145	ng		97
10) Phenol	6.39	94	212347	22.027	ng	#	77
11) bis(2-Chloroethyl)ether	6.46	93	350905	47.572	ng		99
12) 1,3-Dichlorobenzene	6.67	146	342451	36.111	ng		98
13) 1,4-Dichlorobenzene	6.74	146	354485	37.354	ng		99
14) 1,2-Dichlorobenzene	6.90	146	333105	38.488	ng		98
15) Benzyl Alcohol	6.88	79	211760	32.860	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	287603	45.010	ng	#	42
17) 2-Methylphenol	7.00	107	276212	43.058	ng	#	92
18) Hexachloroethane	7.23	117	118119	34.791	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	278199	53.544	ng		96
20) 3+4-Methylphenols	7.16	107	335901	42.741	ng		89
22) Acetophenone	7.14	105	555295	49.450	ng		95
24) Nitrobenzene	7.32	77	416718	45.844	ng		98
25) Isophorone	7.56	82	775005	48.548	ng		99
26) 2-Nitrophenol	7.63	139	227143	47.162	ng		98
27) 2,4-Dimethylphenol	7.67	122	314818	48.163	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	458407	44.117	ng		100
29) 2,4-Dichlorophenol	7.88	162	357421	46.448	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	329131	36.075	ng		98
31) Naphthalene	8.03	128	1046487	41.576	ng		99
32) Benzoic acid	7.82	122	72202	19.712	ng		97
33) 4-Chloroaniline	8.09	127	35603	3.289	ng		98
34) Hexachlorobutadiene	8.15	225	183177	32.232	ng		98
35) Caprolactam	8.47	113	17777m	7.503	ng		
36) 4-Chloro-3-methylphenol	8.58	107	381413	48.976	ng		96
37) 2-Methylnaphthalene	8.72	142	747316	44.119	ng		98
38) 1-Methylnaphthalene	8.82	142	706910	44.375	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	378345	40.938	ng		100
41) Hexachlorocyclopentadiene	8.87	237	109249	38.056	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.01	196	253806	43.488	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	265430	43.341	ng		99
46) 1,1'-Biphenyl	9.19	154	946141	42.708	ng		98
47) 2-Chloronaphthalene	9.21	162	757048	42.405	ng		99
48) 2-Nitroaniline	9.32	65	230599	46.310	ng		97
49) Acenaphthylene	9.63	152	1135181	44.026	ng		99
50) Dimethylphthalate	9.49	163	971120	46.330	ng		99
51) 2,6-Dinitrotoluene	9.56	165	217456	46.696	ng		99
52) Acenaphthene	9.80	154	697657	44.872	ng		99
53) 3-Nitroaniline	9.73	138	113421	21.969	ng		93
54) 2,4-Dinitrophenol	9.86	184	174222	77.258	ng		95
55) Dibenzofuran	9.97	168	1035057	44.602	ng		100
56) 4-Nitrophenol	9.93	139	76602	24.696	ng		97
57) 2,4-Dinitrotoluene	9.97	165	270822	44.866	ng		90
58) Fluorene	10.32	166	846716	46.955	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	244403	47.295	ng		97
60) Diethylphthalate	10.19	149	936230	47.397	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	448323	46.969	ng		99
62) 4-Nitroaniline	10.35	138	181359	34.335	ng		95
63) Azobenzene	10.46	77	831664	48.438	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	150976	49.188	ng		89
66) n-Nitrosodiphenylamine	10.42	169	762583	45.914	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	294574	44.429	ng		98
68) Hexachlorobenzene	10.87	284	336497	44.019	ng		97
69) Atrazine	10.96	200	279927	48.239	ng		99
70) Pentachlorophenol	11.07	266	231919	75.315	ng		99
71) Phenanthrene	11.27	178	1262824	45.652	ng		98
72) Anthracene	11.33	178	1284820	46.485	ng		98
73) Carbazole	11.49	167	1136150	46.142	ng		98
74) Di-n-butylphthalate	11.80	149	1413849	47.415	ng		99
75) Fluoranthene	12.46	202	1314460	44.766	ng		99
77) Benzidine	12.60	184	2207	0.165	ng	#	66
78) Pyrene	12.69	202	1300606	49.308	ng		99
80) Butylbenzylphthalate	13.30	149	553104	49.823	ng		99
81) Benzo(a)anthracene	13.88	228	1071883	47.890	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	245326	28.227	ng		99
83) Chrysene	13.92	228	1017323	45.616	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	748442	53.365	ng		99
85) Di-n-octyl phthalate	14.46	149	1128218	50.488	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	876627	40.595	ng		100
88) Benzo(b)fluoranthene	14.91	252	888545	49.554	ng		99
89) Benzo(k)fluoranthene	14.94	252	863760	51.981	ng		98
90) Benzo(a)pyrene	15.26	252	748630	46.260	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	744537	52.288	ng		99
92) Benzo(g,h,i)perylene	17.14	276	739777	52.582	ng		96

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

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