Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119502.D
Acq On : 25 Mar 2020 13:15
Operator : CG/JU
Sample : PB127762BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127762BS

Manual Integrations APPROVED
mohammad
3/27/2020 8:11:42 AM

Quant Time: Mar 25 14:13:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	354541	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1388916	20.00	ng		-0.02
39) Acenaphthene-d10	9.89	164	731892	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1401531	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	993439	20.00	ng		-0.01
87) Perylene-d12	15.49	264	898379	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2344402	105.26	ng		0.01
7) Phenol-d6	6.47	99	3024766	106.32	ng		0.00
23) Nitrobenzene-d5	7.41	82	1954661	76.49	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	934563	123.77	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	3719307	75.29	ng		-0.01
79) Terphenyl-d14	12.97	244	4186611	82.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	317818	28.893	ng		97
3) Pyridine	3.43	79	902137	29.770	ng		99
4) n-Nitrosodimethylamine	3.39	42	512474	34.679	ng		99
6) Aniline	6.50	93	1073191	27.332	ng		99
8) 2-Chlorophenol	6.63	128	1003263	42.890	ng		100
9) Benzaldehyde	6.39	77	640359	35.481	ng		100
10) Phenol	6.49	94	1224757	40.345	ng		100
11) bis(2-Chloroethyl)ether	6.58	93	947612	39.030	ng		98
12) 1,3-Dichlorobenzene	6.79	146	992283	39.195	ng		98
13) 1,4-Dichlorobenzene	6.86	146	1007282	39.778	ng		98
14) 1,2-Dichlorobenzene	7.02	146	935129	39.508	ng		98
15) Benzyl Alcohol	6.99	79	846693	39.563	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1847294	37.721	ng		98
17) 2-Methylphenol	7.10	107	803080	37.471	ng		99
18) Hexachloroethane	7.36	117	388949	41.912	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	695893	40.581	ng		96
20) 3+4-Methylphenols	7.25	107	971674	36.994	ng	#	80
22) Acetophenone	7.26	105	1297314	39.090	ng		98
24) Nitrobenzene	7.43	77	1034979	37.895	ng		97
25) Isophorone	7.67	82	1956711	37.744	ng		99
26) 2-Nitrophenol	7.75	139	528194	49.118	ng		97
27) 2,4-Dimethylphenol	7.78	122	893500	40.183	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1240451	40.464	ng		99
29) 2,4-Dichlorophenol	7.99	162	831229	40.685	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	888129	39.307	ng		99
31) Naphthalene	8.15	128	2783132	38.938	ng		99
32) Benzoic acid	7.91	122	681196	47.625	ng		96
33) 4-Chloroaniline	8.20	127	603167	18.417	ng		96
34) Hexachlorobutadiene	8.27	225	513885	40.649	ng		99
35) Caprolactam	8.57	113	261701m	39.138	ng		
36) 4-Chloro-3-methylphenol	8.68	107	912500	40.864	ng		99
37) 2-Methylnaphthalene	8.85	142	1941406	41.387	ng		100
38) 1-Methylnaphthalene	8.95	142	1823323	41.066	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	826768	38.540	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1016626	83.358	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	648779	42.261	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	630615	36.669	ng		98
46) 1,1'-Biphenyl	9.31	154	2294164	38.487	ng		100
47) 2-Chloronaphthalene	9.33	162	1792582	38.391	ng		99
48) 2-Nitroaniline	9.43	65	660087	40.957	ng		99
49) Acenaphthylene	9.75	152	2803810	38.239	ng		100
50) Dimethylphthalate	9.62	163	2117478	40.731	ng		99
51) 2,6-Dinitrotoluene	9.67	165	483284	43.371	ng		90
52) Acenaphthene	9.93	154	1965134	42.990	ng		99
53) 3-Nitroaniline	9.84	138	323071	22.965	ng		99
54) 2,4-Dinitrophenol	9.95	184	487407	99.171	ng	#	84
55) Dibenzofuran	10.10	168	2536320	38.700	ng		98
56) 4-Nitrophenol	10.00	139	823568	74.211	ng		91
57) 2,4-Dinitrotoluene	10.08	165	645617	45.993	ng		97
58) Fluorene	10.44	166	1930697	39.837	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	568125	44.195	ng		99
60) Diethylphthalate	10.32	149	2225061	42.171	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	955409	40.313	ng		99
62) 4-Nitroaniline	10.46	138	505214	37.451	ng		98
63) Azobenzene	10.59	77	2118385	39.869	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	323907	55.114	ng		93
66) n-Nitrosodiphenylamine	10.55	169	1819617	39.548	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	642792	40.271	ng		98
68) Hexachlorobenzene	10.99	284	681692	41.728	ng	#	91
69) Atrazine	11.08	200	574100	45.514	ng		99
70) Pentachlorophenol	11.18	266	765451	79.910	ng		99
71) Phenanthrene	11.40	178	2810104	38.668	ng		99
72) Anthracene	11.46	178	2872552	38.892	ng		98
73) Carbazole	11.61	167	2659134	36.373	ng		98
74) Di-n-butylphthalate	11.95	149	3469798	44.368	ng		98
75) Fluoranthene	12.59	202	3088571	39.270	ng		98
77) Benzidine	12.72	184	1571038	37.368	ng		98
78) Pyrene	12.82	202	3073757	37.701	ng		99
80) Butylbenzylphthalate	13.44	149	1547543	46.930	ng		99
81) Benzo(a)anthracene	14.02	228	2434463	37.684	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	700993	27.520	ng		96
83) Chrysene	14.05	228	2501579	37.521	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2051771	52.195	ng		99
85) Di-n-octyl phthalate	14.62	149	3641638	52.675	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2227277	35.471	ng		98
88) Benzo(b)fluoranthene	15.06	252	2456577	40.935	ng		99
89) Benzo(k)fluoranthene	15.09	252	2388271	41.794	ng		99
90) Benzo(a)pyrene	15.43	252	2114903	38.779	ng		97
91) Dibenzo(a,h)anthracene	16.98	278	1859052	38.972	ng		98
92) Benzo(g,h,i)perylene	17.40	276	1789644	37.344	ng		98

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

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