Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117834.D
Acq On : 18 Nov 2019 14:43
Operator : JU
Sample : PB124875BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124875BS

Manual Integrations APPROVED
mohammad
11/19/2019 2:35:34 PM

Quant Time: Nov 18 15:50:29 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	6.92	152	311415	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	1338221	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	708482	20.00	ng		0.00
64) Phenanthrene-d10	11.46	188	1307811	20.00	ng		0.00
76) Chrysene-d12	14.12	240	903581	20.00	ng		0.00
87) Perylene-d12	15.62	264	672435	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2020137	114.83	ng		0.01
7) Phenol-d6	6.55	99	2509010	118.24	ng		0.00
23) Nitrobenzene-d5	7.49	82	1375418	61.10	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	802649	107.01	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2563266	64.91	ng		0.00
79) Terphenyl-d14	13.06	244	2771875	56.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	256477	31.188	ng		99
3) Pyridine	3.58	79	599018	27.768	ng		100
4) n-Nitrosodimethylamine	3.53	42	364026	38.658	ng		98
6) Aniline	6.59	93	959127	34.204	ng		99
8) 2-Chlorophenol	6.71	128	855133	44.795	ng		99
9) Benzaldehyde	6.47	77	438229	29.492	ng		99
10) Phenol	6.56	94	1042806	47.291	ng		98
11) bis(2-Chloroethyl)ether	6.66	93	744948	42.069	ng		99
12) 1,3-Dichlorobenzene	6.86	146	865686	38.518	ng		97
13) 1,4-Dichlorobenzene	6.94	146	899093	39.578	ng		99
14) 1,2-Dichlorobenzene	7.09	146	854872	39.347	ng		99
15) Benzyl Alcohol	7.06	79	748974	45.717	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1072543	39.341	ng		99
17) 2-Methylphenol	7.17	107	726372	44.931	ng		98
18) Hexachloroethane	7.44	117	320224	38.372	ng		96
19) n-Nitroso-di-n-propylamine	7.34	70	561163	42.866	ng		96
20) 3+4-Methylphenols	7.32	107	878138	43.759	ng		91
22) Acetophenone	7.33	105	1135066	37.753	ng	#	98
24) Nitrobenzene	7.50	77	903705	38.913	ng		98
25) Isophorone	7.75	82	1603947	38.874	ng		97
26) 2-Nitrophenol	7.82	139	485138	42.919	ng		96
27) 2,4-Dimethylphenol	7.86	122	803958	45.772	ng		100
28) bis(2-Chloroethoxy)methane	7.96	93	947877	36.202	ng		99
29) 2,4-Dichlorophenol	8.06	162	749725	39.351	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	800748	36.234	ng		98
31) Naphthalene	8.23	128	2405771	38.562	ng		99
32) Benzoic acid	7.98	122	611622	41.587	ng		100
33) 4-Chloroaniline	8.27	127	644073	23.061	ng		99
34) Hexachlorobutadiene	8.35	225	449106	34.758	ng		99
35) Caprolactam	8.65	113	249348m	41.179	ng		
36) 4-Chloro-3-methylphenol	8.76	107	782314	40.460	ng		97
37) 2-Methylnaphthalene	8.93	142	1657946	39.332	ng		100
38) 1-Methylnaphthalene	9.03	142	1566082	39.298	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	730283	35.494	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	756346	65.597	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	562664	38.180	ng		98
44) 2,4,5-Trichlorophenol	9.24	196	603849	39.464	ng		98
46) 1,1'-Biphenyl	9.39	154	1984977	37.764	ng		99
47) 2-Chloronaphthalene	9.42	162	1573854	36.397	ng		98
48) 2-Nitroaniline	9.51	65	493961	37.838	ng		98
49) Acenaphthylene	9.83	152	2423817	38.447	ng		99
50) Dimethylphthalate	9.69	163	1828496	36.804	ng		100
51) 2,6-Dinitrotoluene	9.75	165	435670	40.124	ng		98
52) Acenaphthene	10.01	154	1663180	41.183	ng		99
53) 3-Nitroaniline	9.92	138	348127	26.794	ng		96
54) 2,4-Dinitrophenol	10.03	184	422507	76.116	ng	#	90
55) Dibenzofuran	10.18	168	2152908	38.497	ng		100
56) 4-Nitrophenol	10.09	139	792983	81.767	ng		90
57) 2,4-Dinitrotoluene	10.16	165	580365	42.018	ng		97
58) Fluorene	10.53	166	1620953	37.404	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	485477	38.615	ng		99
60) Diethylphthalate	10.40	149	1762492	36.388	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	813199	36.976	ng		98
62) 4-Nitroaniline	10.55	138	455631	35.025	ng		96
63) Azobenzene	10.67	77	1649205	37.426	ng		99
65) 4,6-Dinitro-2-methylphenol	10.57	198	285834	46.817	ng		90
66) n-Nitrosodiphenylamine	10.63	169	1491438	39.185	ng		100
67) 4-Bromophenyl-phenylether	11.01	248	520237	36.867	ng		97
68) Hexachlorobenzene	11.07	284	614445	37.343	ng		97
69) Atrazine	11.16	200	508075	40.580	ng		98
70) Pentachlorophenol	11.27	266	731295	76.073	ng		99
71) Phenanthrene	11.49	178	2448581	37.239	ng		98
72) Anthracene	11.55	178	2478620	38.020	ng		99
73) Carbazole	11.70	167	2271902	39.880	ng		99
74) Di-n-butylphthalate	12.03	149	2530339	35.674	ng		100
75) Fluoranthene	12.69	202	2534190	41.786	ng		99
77) Benzidine	12.80	184	675859	22.835	ng		99
78) Pyrene	12.92	202	2548803	34.904	ng		97
80) Butylbenzylphthalate	13.53	149	1098908	35.038	ng		93
81) Benzo(a)anthracene	14.10	228	2172642	36.387	ng		98
82) 3,3'-Dichlorobenzidine	14.06	252	731872	35.041	ng		99
83) Chrysene	14.14	228	2089357	36.111	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1421226	37.377	ng		98
85) Di-n-octyl phthalate	14.71	149	2218715	39.719	ng		100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1846217	37.491	ng		99
88) Benzo(b)fluoranthene	15.17	252	1978580	45.289	ng		100
89) Benzo(k)fluoranthene	15.21	252	1792228	43.538	ng		98
90) Benzo(a)pyrene	15.56	252	1637918	42.635	ng		99
91) Dibenzo(a,h)anthracene	17.18	278	1535993	46.452	ng		99
92) Benzo(g,h,i)perylene	17.63	276	1561439	47.410	ng		99

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

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