Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
Data File : BF120443.D
Acq On : 29 May 2020 17:06
Operator : MA/SJ
Sample : PB129165BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129165BS

Manual Integrations APPROVED
mohammad
6/1/2020 12:21:11 PM

Quant Time: May 29 17:39:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	276170	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1038564	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	509195	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	838636	20.00	ng		0.00
76) Chrysene-d12	14.00	240	524653	20.00	ng		0.00
86) Perylene-d12	15.44	264	575262	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1679483	115.89	ng		0.02
7) Phenol-d6	6.47	99	2083186	116.63	ng		0.00
23) Nitrobenzene-d5	7.40	82	1344526	84.68	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	550117	116.60	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2442838	81.40	ng		0.00
79) Terphenyl-d14	12.94	244	2110470	89.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	275297	38.350	ng		98
3) Pyridine	3.42	79	646154	32.501	ng		97
4) n-Nitrosodimethylamine	3.37	42	342134	40.665	ng		98
6) Aniline	6.50	93	674100	27.066	ng		98
8) 2-Chlorophenol	6.62	128	723294	44.265	ng		98
9) Benzaldehyde	6.39	77	409637	37.629	ng		100
10) Phenol	6.49	94	801591m	41.038	ng		
11) bis(2-Chloroethyl)ether	6.57	93	680573	41.696	ng		98
12) 1,3-Dichlorobenzene	6.78	146	734153	40.896	ng		99
13) 1,4-Dichlorobenzene	6.86	146	740925	41.368	ng		99
14) 1,2-Dichlorobenzene	7.01	146	685877	41.460	ng		98
15) Benzyl Alcohol	6.98	79	576343	42.805	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1023993	39.794	ng		99
17) 2-Methylphenol	7.09	107	567814	38.861	ng		98
18) Hexachloroethane	7.35	117	268661	40.978	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	465982	41.041	ng		96
20) 3+4-Methylphenols	7.25	107	643480	34.860	ng	#	90
22) Acetophenone	7.25	105	866493	41.080	ng	#	99
24) Nitrobenzene	7.42	77	703867	41.155	ng		97
25) Isophorone	7.66	82	1310040	41.053	ng		99
26) 2-Nitrophenol	7.73	139	356858	46.278	ng		95
27) 2,4-Dimethylphenol	7.77	122	613416	45.807	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	836515	43.530	ng		99
29) 2,4-Dichlorophenol	7.97	162	583605	43.147	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	646730	42.607	ng		98
31) Naphthalene	8.15	128	1927749	42.264	ng		99
32) Benzoic acid	7.90	122	440699	44.347	ng		96
33) 4-Chloroaniline	8.19	127	326691	16.161	ng		98
34) Hexachlorobutadiene	8.26	225	378066	42.020	ng		100
35) Caprolactam	8.56	113	180646m	41.239	ng		
36) 4-Chloro-3-methylphenol	8.67	107	585711	42.681	ng		99
37) 2-Methylnaphthalene	8.83	142	1307058	43.263	ng		99
38) 1-Methylnaphthalene	8.93	142	1231795	43.195	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	612897	46.936	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	480197	65.891	ng		98
43) 2,4,6-Trichlorophenol	9.11	196	432117	45.756	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	440899	41.186	ng		97
46) 1,1'-Biphenyl	9.30	154	1566661	46.836	ng		99
47) 2-Chloronaphthalene	9.32	162	1200706	43.592	ng		97
48) 2-Nitroaniline	9.42	65	353779	42.169	ng		97
49) Acenaphthylene	9.74	152	1862194	43.750	ng		100
50) Dimethylphthalate	9.60	163	1407171	44.204	ng		99
51) 2,6-Dinitrotoluene	9.66	165	304755	43.078	ng		97
52) Acenaphthene	9.91	154	1163537	43.800	ng		100
53) 3-Nitroaniline	9.82	138	148962	17.931	ng		99
54) 2,4-Dinitrophenol	9.93	184	158853	58.063	ng		94
55) Dibenzofuran	10.08	168	1638565	42.445	ng		100
56) 4-Nitrophenol	9.99	139	526024	82.707	ng		99
57) 2,4-Dinitrotoluene	10.06	165	389566	43.026	ng		95
58) Fluorene	10.43	166	1156295	39.914	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	362010	43.396	ng		98
60) Diethylphthalate	10.30	149	1396739	43.419	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	600034	38.204	ng		99
62) 4-Nitroaniline	10.44	138	242802	30.959	ng		98
63) Azobenzene	10.57	77	1254204	41.450	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	115402	37.727	ng		79
66) n-Nitrosodiphenylamine	10.53	169	1138697	48.880	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	392641	46.382	ng	#	92
68) Hexachlorobenzene	10.97	284	417482	46.309	ng	#	88
69) Atrazine	11.06	200	317634	48.375	ng		99
70) Pentachlorophenol	11.16	266	460981	83.633	ng		98
71) Phenanthrene	11.39	178	1631825	44.160	ng		99
72) Anthracene	11.44	178	1667202	44.967	ng		100
73) Carbazole	11.59	167	1505656	41.986	ng		100
74) Di-n-butylphthalate	11.92	149	1949358	46.729	ng		99
75) Fluoranthene	12.57	202	1592494	40.051	ng		99
77) Benzidine	12.69	184	971882	70.503	ng		97
78) Pyrene	12.80	202	1568584	42.991	ng		100
80) Butylbenzylphthalate	13.42	149	704174	46.229	ng		99
81) Benzo(a)anthracene	13.99	228	1227911	43.669	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	473925	46.425	ng		99
83) Chrysene	14.03	228	1263928	42.876	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	910057	50.896	ng		99
85) Di-n-octyl phthalate	14.59	149	1620609	52.380	ng		99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1373232	43.645	ng		99
88) Benzo(b)fluoranthene	15.03	252	1374690	43.024	ng		99
89) Benzo(k)fluoranthene	15.06	252	1165427	39.071	ng		99
90) Benzo(a)pyrene	15.39	252	1184354	42.377	ng		99
91) Dibenzo(a,h)anthracene	16.91	278	1156397	45.081	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1127162	44.552	ng		98

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

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