Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120213.D
Acq On : 27 Apr 2020 12:39
Operator : MA/SJ
Sample : PB128485BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:25 PM

Quant Time: Apr 27 13:13:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	126398	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	484318	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	270885	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	530850	20.00	ng		0.00
76) Chrysene-d12	13.83	240	382569	20.00	ng		0.00
87) Perylene-d12	15.24	264	318860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1002953	137.13	ng		0.00
7) Phenol-d6	6.32	99	1252251	132.87	ng		0.00
23) Nitrobenzene-d5	7.23	82	785038	83.86	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	369710	111.47	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1610590	84.42	ng		0.00
79) Terphenyl-d14	12.78	244	1812087	79.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	131789	40.456	ng		97
3) Pyridine	3.03	79	368379	41.216	ng		91
4) n-Nitrosodimethylamine	2.99	42	208711	45.704	ng		93
6) Aniline	6.33	93	423811	34.262	ng	#	54
8) 2-Chlorophenol	6.46	128	399907	48.936	ng		97
9) Benzaldehyde	6.21	77	152949	25.758	ng		97
10) Phenol	6.33	94	499748	46.741	ng		81
11) bis(2-Chloroethyl)ether	6.40	93	379305	45.946	ng		99
12) 1,3-Dichlorobenzene	6.60	146	406982	45.490	ng		98
13) 1,4-Dichlorobenzene	6.68	146	412447	45.256	ng		97
14) 1,2-Dichlorobenzene	6.83	146	389481	46.372	ng		99
15) Benzyl Alcohol	6.82	79	328577	44.888	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	644634	40.128	ng	#	36
17) 2-Methylphenol	6.94	107	316637	43.417	ng	#	90
18) Hexachloroethane	7.17	117	155107	45.539	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	274381	45.275	ng		97
20) 3+4-Methylphenols	7.10	107	418189	46.885	ng	#	80
22) Acetophenone	7.08	105	546591	48.195	ng	#	99
24) Nitrobenzene	7.25	77	419434	44.537	ng		98
25) Isophorone	7.49	82	746976	41.391	ng		99
26) 2-Nitrophenol	7.57	139	216064	45.922	ng		95
27) 2,4-Dimethylphenol	7.62	122	331464	46.711	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	469898	44.249	ng		100
29) 2,4-Dichlorophenol	7.82	162	324801	44.654	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	347936	42.217	ng		99
31) Naphthalene	7.97	128	1123799	44.103	ng		99
32) Benzoic acid	7.76	122	223175	35.810	ng		98
33) 4-Chloroaniline	8.03	127	279787	25.222	ng		98
34) Hexachlorobutadiene	8.09	225	201996	40.944	ng		99
35) Caprolactam	8.40	113	93407m	41.981	ng		
36) 4-Chloro-3-methylphenol	8.53	107	339099	43.061	ng		97
37) 2-Methylnaphthalene	8.67	142	810467	46.914	ng		99
38) 1-Methylnaphthalene	8.76	142	759153	46.622	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	360478	42.133	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	339838	69.852	ng	99
43) 2,4,6-Trichlorophenol	8.95	196	249327	42.201	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	261621	39.316	ng	98
46) 1,1'-Biphenyl	9.13	154	981311	42.919	ng	97
47) 2-Chloronaphthalene	9.16	162	755165	42.874	ng	98
48) 2-Nitroaniline	9.26	65	272065	42.624	ng	98
49) Acenaphthylene	9.57	152	1205272	44.995	ng	98
50) Dimethylphthalate	9.44	163	895002	42.716	ng	100
51) 2,6-Dinitrotoluene	9.50	165	200038	43.598	ng	93
52) Acenaphthene	9.74	154	716951	40.124	ng	99
53) 3-Nitroaniline	9.67	138	145761	27.816	ng	95
54) 2,4-Dinitrophenol	9.79	184	210851	76.757	ng	98
55) Dibenzofuran	9.92	168	1084181	44.216	ng	97
56) 4-Nitrophenol	9.86	139	293270	75.217	ng	92
57) 2,4-Dinitrotoluene	9.91	165	262235	43.380	ng	95
58) Fluorene	10.26	166	855796	43.641	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.04	232	224666	44.145	ng	99
60) Diethylphthalate	10.14	149	923586	42.530	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	410985	40.891	ng	97
62) 4-Nitroaniline	10.29	138	223514	44.757	ng	100
63) Azobenzene	10.41	77	859644	44.171	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	148712	42.522	ng	100
66) n-Nitrosodiphenylamine	10.37	169	777403	44.034	ng	100
67) 4-Bromophenyl-phenylether	10.74	248	254954	38.620	ng	97
68) Hexachlorobenzene	10.80	284	277747	41.473	ng	99
69) Atrazine	10.90	200	236388	48.124	ng	99
70) Pentachlorophenol	11.00	266	249667	64.691	ng	99
71) Phenanthrene	11.22	178	1254233	44.394	ng	98
72) Anthracene	11.27	178	1291223	44.739	ng	98
73) Carbazole	11.43	167	1201321	44.015	ng	98
74) Di-n-butylphthalate	11.76	149	1489546	41.515	ng	98
75) Fluoranthene	12.40	202	1382614	45.355	ng	99
77) Benzidine	12.53	184	756721	58.516	ng	97
78) Pyrene	12.63	202	1375401	42.646	ng	98
80) Butylbenzylphthalate	13.26	149	625466	39.967	ng	99
81) Benzo(a)anthracene	13.82	228	1094873	43.503	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	256699	27.335	ng	98
83) Chrysene	13.86	228	1099578	42.998	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	812761	38.351	ng	99
85) Di-n-octyl phthalate	14.43	149	1316020	36.471	ng	99
86) Indeno(1,2,3-cd)pyrene	16.61	276	930319	41.270	ng	99
88) Benzo(b)fluoranthene	14.84	252	1085338	47.316	ng	99
89) Benzo(k)fluoranthene	14.87	252	1031904	52.139	ng	99
90) Benzo(a)pyrene	15.19	252	897287	46.525	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	794628	46.514	ng	98
92) Benzo(g,h,i)perylene	17.02	276	736301	43.663	ng	98

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

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