Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120165.D
Acq On : 23 Apr 2020 16:03
Operator : MA/SJ
Sample : PB128274BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128274BS

Manual Integrations APPROVED
mohammad
4/24/2020 1:34:10 PM

Quant Time: Apr 23 16:35:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	135560	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	524591	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	284640	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	542595	20.00	ng		0.00
76) Chrysene-d12	13.83	240	392230	20.00	ng		0.00
87) Perylene-d12	15.23	264	365126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1031485	131.50	ng		0.01
7) Phenol-d6	6.31	99	1317453	130.34	ng		0.00
23) Nitrobenzene-d5	7.23	82	826683	81.53	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	367475	105.45	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1667642	83.18	ng		0.00
79) Terphenyl-d14	12.77	244	1834291	78.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	143338	41.027	ng		96
3) Pyridine	3.02	79	367285	38.316	ng		96
4) n-Nitrosodimethylamine	2.98	42	215984	44.100	ng		97
6) Aniline	6.33	93	456875	34.439	ng	#	44
8) 2-Chlorophenol	6.45	128	419572	47.872	ng		97
9) Benzaldehyde	6.21	77	163843	25.714	ng		99
10) Phenol	6.32	94	530760	46.286	ng	#	70
11) bis(2-Chloroethyl)ether	6.40	93	394023	44.503	ng		99
12) 1,3-Dichlorobenzene	6.60	146	418972	43.665	ng		98
13) 1,4-Dichlorobenzene	6.68	146	425976	43.581	ng		98
14) 1,2-Dichlorobenzene	6.83	146	402606	44.695	ng		99
15) Benzyl Alcohol	6.82	79	345294	43.984	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	687253	39.890	ng		94
17) 2-Methylphenol	6.93	107	344850	44.090	ng		96
18) Hexachloroethane	7.17	117	162193	44.401	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	292492	45.001	ng		98
20) 3+4-Methylphenols	7.09	107	434918	45.465	ng		94
22) Acetophenone	7.08	105	568724	46.297	ng	#	93
24) Nitrobenzene	7.25	77	449225	44.039	ng		99
25) Isophorone	7.49	82	819908	41.945	ng		98
26) 2-Nitrophenol	7.57	139	232244	45.571	ng		94
27) 2,4-Dimethylphenol	7.62	122	358235	46.608	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	515945	44.855	ng		100
29) 2,4-Dichlorophenol	7.82	162	351412	44.604	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	376486	42.174	ng		99
31) Naphthalene	7.97	128	1209095	43.807	ng		98
32) Benzoic acid	7.76	122	272182	40.321	ng		94
33) 4-Chloroaniline	8.02	127	233032	19.394	ng		99
34) Hexachlorobutadiene	8.09	225	216678	40.548	ng		98
35) Caprolactam	8.40	113	112455m	46.662	ng		
36) 4-Chloro-3-methylphenol	8.52	107	396351	46.467	ng		96
37) 2-Methylnaphthalene	8.66	142	839908	44.886	ng		99
38) 1-Methylnaphthalene	8.76	142	798004	45.246	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	375343	41.750	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	394188	77.108 ng	99
43) 2,4,6-Trichlorophenol	8.95	196	260348	41.937 ng	99
44) 2,4,5-Trichlorophenol	8.99	196	281073	40.198 ng	94
46) 1,1'-Biphenyl	9.13	154	1030311	42.885 ng	100
47) 2-Chloronaphthalene	9.15	162	793219	42.859 ng	99
48) 2-Nitroaniline	9.25	65	285010	42.495 ng	99
49) Acenaphthylene	9.57	152	1245282	44.242 ng	97
50) Dimethylphthalate	9.44	163	940780	42.731 ng	100
51) 2,6-Dinitrotoluene	9.50	165	208470	43.240 ng	95
52) Acenaphthene	9.74	154	748361	39.858 ng	99
53) 3-Nitroaniline	9.66	138	138367	25.129 ng	98
54) 2,4-Dinitrophenol	9.78	184	237426	82.254 ng	95
55) Dibenzofuran	9.91	168	1115485	43.294 ng	100
56) 4-Nitrophenol	9.85	139	318226	77.673 ng	96
57) 2,4-Dinitrotoluene	9.90	165	270707	42.617 ng	96
58) Fluorene	10.26	166	885582	42.978 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	232631	43.501 ng	99
60) Diethylphthalate	10.14	149	964552	42.270 ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	426342	40.369 ng	98
62) 4-Nitroaniline	10.29	138	225982	43.064 ng	96
63) Azobenzene	10.41	77	912204	44.607 ng	97
65) 4,6-Dinitro-2-methylphenol	10.32	198	163477	45.732 ng	96
66) n-Nitrosodiphenylamine	10.37	169	808353	44.796 ng	100
67) 4-Bromophenyl-phenylether	10.73	248	262301	38.872 ng	97
68) Hexachlorobenzene	10.80	284	284408	41.548 ng	98
69) Atrazine	10.90	200	246165	49.030 ng	99
70) Pentachlorophenol	11.00	266	275606	69.866 ng	99
71) Phenanthrene	11.22	178	1260654	43.655 ng	98
72) Anthracene	11.26	178	1304011	44.204 ng	98
73) Carbazole	11.42	167	1198565	42.963 ng	99
74) Di-n-butylphthalate	11.76	149	1555126	42.404 ng	100
75) Fluoranthene	12.40	202	1389522	44.595 ng	99
77) Benzidine	12.53	184	755100	56.952 ng	98
78) Pyrene	12.63	202	1383805	41.850 ng	98
80) Butylbenzylphthalate	13.25	149	646529	40.296 ng	97
81) Benzo(a)anthracene	13.82	228	1118478	43.346 ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	235070	24.416 ng	99
83) Chrysene	13.86	228	1137304	43.378 ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	866078	39.861 ng	100
85) Di-n-octyl phthalate	14.43	149	1461246	39.498 ng	99
86) Indeno(1,2,3-cd)pyrene	16.58	276	974695	42.174 ng	100
88) Benzo(b)fluoranthene	14.83	252	1010694	38.479 ng	98
89) Benzo(k)fluoranthene	14.86	252	1028079	45.364 ng	99
90) Benzo(a)pyrene	15.17	252	848626	38.426 ng	97
91) Dibenzo(a,h)anthracene	16.59	278	809943	41.403 ng	98
92) Benzo(g,h,i)perylene	16.99	276	766903	39.715 ng	97

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

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