Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121028.D
Acq On : 27 Jul 2020 12:52
Operator : JU/CG
Sample : PB130472BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130472BS

Manual Integrations APPROVED
mohammad
7/28/2020 11:43:15 AM

Quant Time: Jul 27 15:25:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161080	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	608583	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	307298	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	562349	20.00	ng		0.00
76) Chrysene-d12	13.97	240	413952	20.00	ng		0.00
86) Perylene-d12	15.42	264	397512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1041602	106.01	ng		0.02
7) Phenol-d6	6.45	99	1273374	100.33	ng		0.00
23) Nitrobenzene-d5	7.38	82	803220	76.37	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	371059	110.31	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1462548	71.06	ng		0.00
79) Terphenyl-d14	12.92	244	1393646	73.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	152261	33.670	ng		99
3) Pyridine	3.35	79	362879	30.165	ng		99
4) n-Nitrosodimethylamine	3.29	42	185200	36.003	ng		97
6) Aniline	6.47	93	538213	32.485	ng		100
8) 2-Chlorophenol	6.60	128	422652	39.046	ng		99
9) Benzaldehyde	6.36	77	288426	50.122	ng		99
10) Phenol	6.46	94	495157	35.465	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	404097	37.765	ng		99
12) 1,3-Dichlorobenzene	6.76	146	440492	37.529	ng		98
13) 1,4-Dichlorobenzene	6.83	146	441503	37.828	ng		99
14) 1,2-Dichlorobenzene	6.99	146	425194	38.509	ng		99
15) Benzyl Alcohol	6.96	79	323583	36.050	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	557072	36.120	ng		99
17) 2-Methylphenol	7.07	107	332794	34.688	ng		99
18) Hexachloroethane	7.33	117	163225	38.639	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	254091	35.206	ng		96
20) 3+4-Methylphenols	7.22	107	369639	30.287	ng	#	88
22) Acetophenone	7.23	105	518867	37.989	ng		98
24) Nitrobenzene	7.40	77	419359	36.994	ng		99
25) Isophorone	7.63	82	749375	35.700	ng		98
26) 2-Nitrophenol	7.72	139	221132	41.074	ng		97
27) 2,4-Dimethylphenol	7.75	122	349272	39.957	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	486226	37.947	ng		99
29) 2,4-Dichlorophenol	7.96	162	340683	38.141	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	374315	37.772	ng		100
31) Naphthalene	8.12	128	1151706	36.893	ng		100
32) Benzoic acid	7.87	122	236100	35.981	ng		98
33) 4-Chloroaniline	8.17	127	373036	26.787	ng		98
34) Hexachlorobutadiene	8.24	225	218590	37.417	ng		98
35) Caprolactam	8.54	113	100885	35.220	ng		100
36) 4-Chloro-3-methylphenol	8.65	107	343418	37.488	ng		100
37) 2-Methylnaphthalene	8.81	142	778760	38.420	ng		99
38) 1-Methylnaphthalene	8.91	142	716855	37.341	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	351024	39.206	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	406680	82.185	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	241374	38.289	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	261832	36.616	ng		96
46) 1,1'-Biphenyl	9.27	154	932425	39.778	ng		100
47) 2-Chloronaphthalene	9.30	162	718132	37.576	ng		99
48) 2-Nitroaniline	9.39	65	213433	36.955	ng		100
49) Acenaphthylene	9.72	152	1133892	38.191	ng		100
50) Dimethylphthalate	9.57	163	821456	37.053	ng		98
51) 2,6-Dinitrotoluene	9.64	165	183688	38.566	ng	#	84
52) Acenaphthene	9.89	154	751669m	39.822	ng		
53) 3-Nitroaniline	9.80	138	159126	26.638	ng		99
54) 2,4-Dinitrophenol	9.91	184	167022	62.552	ng		94
55) Dibenzofuran	10.06	168	995635	36.475	ng		100
56) 4-Nitrophenol	9.97	139	299837	66.077	ng		99
57) 2,4-Dinitrotoluene	10.04	165	239219	38.246	ng		95
58) Fluorene	10.40	166	731839	35.948	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	222593	40.884	ng		95
60) Diethylphthalate	10.27	149	810553	36.147	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	363931	33.515	ng		97
62) 4-Nitroaniline	10.42	138	199788	34.335	ng		99
63) Azobenzene	10.55	77	766339	35.897	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	116147	36.672	ng		92
66) n-Nitrosodiphenylamine	10.51	169	694796	39.275	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	240361	38.337	ng		96
68) Hexachlorobenzene	10.95	284	267035	39.373	ng		97
69) Atrazine	11.04	200	194205	44.327	ng		99
70) Pentachlorophenol	11.15	266	300816	77.421	ng		99
71) Phenanthrene	11.36	178	1081062	37.379	ng		99
72) Anthracene	11.42	178	1147811	39.523	ng		99
73) Carbazole	11.57	167	1048064	36.365	ng		100
74) Di-n-butylphthalate	11.90	149	1259574	37.871	ng		100
75) Fluoranthene	12.55	202	1191078	37.154	ng		99
77) Benzidine	12.67	184	626331	57.548	ng		99
78) Pyrene	12.77	202	1219934	41.684	ng		100
80) Butylbenzylphthalate	13.39	149	520637	39.906	ng		98
81) Benzo(a)anthracene	13.96	228	966710	38.565	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	337434	35.681	ng		99
83) Chrysene	14.00	228	1007099	38.231	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	663936	41.269	ng		99
85) Di-n-octyl phthalate	14.56	149	1221501	38.163	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1027565	37.169	ng		99
88) Benzo(b)fluoranthene	15.00	252	956497	39.807	ng		99
89) Benzo(k)fluoranthene	15.03	252	927797	42.339	ng		99
90) Benzo(a)pyrene	15.36	252	869014	39.640	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	876661	38.821	ng		98
92) Benzo(g,h,i)perylene	17.28	276	843250	37.872	ng		99

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

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