Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121866.D
Acq On : 7 Oct 2020 11:07
Operator : JU/CG
Sample : PB132129BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132129BS

Manual Integrations APPROVED
mohammad
10/8/2020 12:29:01 PM

Quant Time: Oct 07 12:18:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135410	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	558955	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	297743	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	555686	20.00	ng		0.00
76) Chrysene-d12	13.93	240	444119	20.00	ng		0.00
86) Perylene-d12	15.37	264	344320	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	926805	101.72	ng		0.01
7) Phenol-d6	6.42	99	1208947	101.13	ng		0.00
23) Nitrobenzene-d5	7.34	82	1045509	100.43	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	368844	99.67	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1771114	90.09	ng		0.00
79) Terphenyl-d14	12.87	244	1661250	75.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	149400	35.690	ng		99
3) Pyridine	3.31	79	327294	28.283	ng		98
4) n-Nitrosodimethylamine	3.26	42	208671	38.875	ng		99
6) Aniline	6.43	93	412043	26.466	ng	#	39
8) 2-Chlorophenol	6.56	128	387248	41.743	ng		97
9) Benzaldehyde	6.32	77	212126	27.145	ng		99
10) Phenol	6.43	94	479090	37.636	ng		93
11) bis(2-Chloroethyl)ether	6.50	93	390441	40.696	ng		99
12) 1,3-Dichlorobenzene	6.70	146	405689	39.180	ng		99
13) 1,4-Dichlorobenzene	6.78	146	409033	39.342	ng		99
14) 1,2-Dichlorobenzene	6.94	146	369368	38.565	ng		99
15) Benzyl Alcohol	6.92	79	323699	39.840	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	598499	38.766	ng		88
17) 2-Methylphenol	7.03	107	328485	41.615	ng	#	93
18) Hexachloroethane	7.27	117	152602	40.992	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	279895	40.627	ng		100
20) 3+4-Methylphenols	7.19	107	395405	41.693	ng	#	84
22) Acetophenone	7.18	105	536599	37.837	ng		96
24) Nitrobenzene	7.35	77	428986	38.100	ng		99
25) Isophorone	7.59	82	790310	37.712	ng		100
26) 2-Nitrophenol	7.67	139	211693	40.367	ng		97
27) 2,4-Dimethylphenol	7.71	122	345341	36.917	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	492334	37.949	ng		100
29) 2,4-Dichlorophenol	7.92	162	329817	38.711	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	338942	37.772	ng		99
31) Naphthalene	8.07	128	1108622	37.572	ng		99
32) Benzoic acid	7.87	122	183650	29.447	ng		99
33) 4-Chloroaniline	8.12	127	347291	27.153	ng		99
34) Hexachlorobutadiene	8.19	225	199695	37.914	ng		99
35) Caprolactam	8.51	113	109183m	38.481	ng		
36) 4-Chloro-3-methylphenol	8.62	107	357781	38.981	ng		99
37) 2-Methylnaphthalene	8.76	142	741506	38.347	ng		99
38) 1-Methylnaphthalene	8.86	142	691045	38.399	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	348998	37.525	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	232527	43.780	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	229144	36.146	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	240853	35.939	ng		97
46) 1,1'-Biphenyl	9.23	154	881116	36.965	ng		100
47) 2-Chloronaphthalene	9.25	162	680757	36.242	ng		100
48) 2-Nitroaniline	9.35	65	242301	41.511	ng		96
49) Acenaphthylene	9.67	152	1079512	37.405	ng		100
50) Dimethylphthalate	9.53	163	825633	38.259	ng		99
51) 2,6-Dinitrotoluene	9.60	165	184947	40.243	ng		87
52) Acenaphthene	9.84	154	622866	34.170	ng		99
53) 3-Nitroaniline	9.77	138	148851	27.959	ng		91
54) 2,4-Dinitrophenol	9.89	184	175194	67.666	ng		100
55) Dibenzofuran	10.01	168	910556	35.471	ng		98
56) 4-Nitrophenol	9.95	139	232089	54.662	ng		89
57) 2,4-Dinitrotoluene	10.00	165	229744	39.736	ng	#	90
58) Fluorene	10.35	166	722906	36.824	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	195720	35.923	ng		99
60) Diethylphthalate	10.23	149	804808	38.251	ng		99
61) 4-Chlorophenyl-phenylether	10.35	204	357354	38.000	ng		99
62) 4-Nitroaniline	10.39	138	197016	37.270	ng		99
63) Azobenzene	10.50	77	825536	36.845	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	134589	40.688	ng		94
66) n-Nitrosodiphenylamine	10.47	169	695076	36.460	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	236912	37.446	ng		99
68) Hexachlorobenzene	10.90	284	266684	37.351	ng		94
69) Atrazine	10.99	200	204777	43.235	ng		99
70) Pentachlorophenol	11.10	266	222858	56.835	ng		98
71) Phenanthrene	11.32	178	1082529	35.755	ng		99
72) Anthracene	11.37	178	1122641	35.932	ng		99
73) Carbazole	11.52	167	1024956	36.353	ng		99
74) Di-n-butylphthalate	11.85	149	1244306	38.238	ng		99
75) Fluoranthene	12.50	202	1185190	36.671	ng		98
77) Benzidine	12.63	184	380879	25.869	ng		99
78) Pyrene	12.73	202	1197023	36.890	ng		99
80) Butylbenzylphthalate	13.34	149	537171	40.933	ng		99
81) Benzo(a)anthracene	13.92	228	1071608	38.139	ng		99
82) 3,3'-Dichlorobenzidine	13.88	252	352340	32.121	ng		99
83) Chrysene	13.96	228	1029331	36.178	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	728965	41.580	ng		99
85) Di-n-octyl phthalate	14.52	149	1215616	39.290	ng		99
87) Indeno(1,2,3-cd)pyrene	16.80	276	912403	40.690	ng		100
88) Benzo(b)fluoranthene	14.96	252	984160	42.756	ng		99
89) Benzo(k)fluoranthene	14.99	252	950101	45.074	ng		99
90) Benzo(a)pyrene	15.32	252	864150	44.165	ng		99
91) Dibenzo(a,h)anthracene	16.81	278	762359	40.843	ng		99
92) Benzo(g,h,i)perylene	17.23	276	755986	41.203	ng		97

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

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