Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
Data File : BF121766.D
Acq On : 1 Oct 2020 14:38
Operator : JU/CG
Sample : PB132004BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB132004BS

Manual Integrations APPROVED
mohammad
10/2/2020 12:10:24 PM

Quant Time: Oct 01 15:55:21 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	6.77	152	154870	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	597793	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	308531	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	583448	20.00	ng	0.00
76) Chrysene-d12	13.93	240	449156	20.00	ng	0.00
86) Perylene-d12	15.37	264	398993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1293696	124.14	ng	0.01
7) Phenol-d6	6.42	99	1673160	122.38	ng	0.00
23) Nitrobenzene-d5	7.34	82	1114486	100.10	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	546692	142.57	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1868350	91.71	ng	0.00
79) Terphenyl-d14	12.88	244	2264742	102.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.54	88	173895	36.322	ng	99
3) Pyridine	3.28	79	488716	36.925	ng	99
4) n-Nitrosodimethylamine	3.23	42	258911	42.174	ng	99
6) Aniline	6.44	93	599118	33.647	ng	95
8) 2-Chlorophenol	6.56	128	486147	45.819	ng	97
9) Benzaldehyde	6.32	77	264011	29.539	ng	99
10) Phenol	6.43	94	571878	39.281	ng	91
11) bis(2-Chloroethyl)ether	6.51	93	472077	43.022	ng	99
12) 1,3-Dichlorobenzene	6.71	146	496888	41.958	ng	99
13) 1,4-Dichlorobenzene	6.79	146	502773	42.281	ng	99
14) 1,2-Dichlorobenzene	6.95	146	453920	41.438	ng	99
15) Benzyl Alcohol	6.92	79	384669	41.395	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	739578	41.885	ng	99
17) 2-Methylphenol	7.03	107	393091	43.542	ng	98
18) Hexachloroethane	7.28	117	187451	44.026	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	330144	41.899	ng	99
20) 3+4-Methylphenols	7.19	107	452875	41.752	ng	93
22) Acetophenone	7.19	105	608433	40.115	ng	99
24) Nitrobenzene	7.36	77	515196	42.784	ng	100
25) Isophorone	7.60	82	944256	42.131	ng	98
26) 2-Nitrophenol	7.67	139	252392	44.707	ng	100
27) 2,4-Dimethylphenol	7.72	122	392923	39.275	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	591439	42.626	ng	100
29) 2,4-Dichlorophenol	7.92	162	388288	42.612	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	410043	42.727	ng	100
31) Naphthalene	8.07	128	1312034	41.577	ng	99
32) Benzoic acid	7.87	122	254749	36.133	ng	99
33) 4-Chloroaniline	8.13	127	492424	35.999	ng	99
34) Hexachlorobutadiene	8.19	225	247068	43.861	ng	99
35) Caprolactam	8.52	113	143684m	47.351	ng	
36) 4-Chloro-3-methylphenol	8.62	107	421761	42.967	ng	98
37) 2-Methylnaphthalene	8.77	142	864337	41.795	ng	98
38) 1-Methylnaphthalene	8.87	142	817242	42.461	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	399854	41.489	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	356300	64.738	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	278856	42.450	ng		100
44) 2,4,5-Trichlorophenol	9.10	196	300009	43.201	ng		97
46) 1,1'-Biphenyl	9.23	154	1020468	41.315	ng		99
47) 2-Chloronaphthalene	9.26	162	813114	41.775	ng		100
48) 2-Nitroaniline	9.36	65	285197	47.152	ng		98
49) Acenaphthylene	9.67	152	1250971	41.830	ng		100
50) Dimethylphthalate	9.54	163	984161	44.011	ng		100
51) 2,6-Dinitrotoluene	9.60	165	220649	46.332	ng	#	84
52) Acenaphthene	9.85	154	742752	39.322	ng		100
53) 3-Nitroaniline	9.77	138	199981	36.249	ng		98
54) 2,4-Dinitrophenol	9.89	184	228718	82.898	ng		99
55) Dibenzofuran	10.02	168	1094436	41.143	ng		98
56) 4-Nitrophenol	9.95	139	340962	77.497	ng		98
57) 2,4-Dinitrotoluene	10.01	165	280540	46.824	ng		98
58) Fluorene	10.36	166	861956	42.372	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	252719	44.763	ng		99
60) Diethylphthalate	10.24	149	947839	43.474	ng		100
61) 4-Chlorophenyl-phenylether	10.35	204	421282	43.232	ng		99
62) 4-Nitroaniline	10.39	138	242867	44.337	ng		99
63) Azobenzene	10.51	77	994306	42.825	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	172968	48.267	ng		93
66) n-Nitrosodiphenylamine	10.47	169	833182	41.624	ng		99
67) 4-Bromophenyl-phenylether	10.84	248	288235	43.390	ng		97
68) Hexachlorobenzene	10.91	284	326697	43.579	ng	#	90
69) Atrazine	11.00	200	253520	50.979	ng		99
70) Pentachlorophenol	11.10	266	306156	74.363	ng		100
71) Phenanthrene	11.32	178	1295609	40.757	ng		99
72) Anthracene	11.37	178	1338722	40.809	ng		100
73) Carbazole	11.53	167	1201667	40.593	ng		100
74) Di-n-butylphthalate	11.86	149	1480100	43.320	ng		100
75) Fluoranthene	12.50	202	1412001	41.610	ng		99
77) Benzidine	12.63	184	787031	52.855	ng		99
78) Pyrene	12.73	202	1423575	43.380	ng		99
80) Butylbenzylphthalate	13.35	149	626591	47.211	ng		97
81) Benzo(a)anthracene	13.92	228	1199953	42.228	ng		100
82) 3,3'-Dichlorobenzidine	13.89	252	362519	32.678	ng		100
83) Chrysene	13.96	228	1210045	42.052	ng		99
84) Bis(2-ethylhexyl)phthalate	13.91	149	825341	46.549	ng		99
85) Di-n-octyl phthalate	14.52	149	1437943	45.954	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	1209566	46.551	ng		100
88) Benzo(b)fluoranthene	14.96	252	1164186	43.646	ng		99
89) Benzo(k)fluoranthene	14.99	252	1147414	46.976	ng		99
90) Benzo(a)pyrene	15.31	252	1048617	46.249	ng		99
91) Dibenzo(a,h)anthracene	16.80	278	1003456	46.393	ng		100
92) Benzo(g,h,i)perylene	17.22	276	976624	45.934	ng		98

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

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