Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121362.D
Acq On : 21 Aug 2020 11:37
Operator : JU/CG
Sample : PB130970BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130970BS

Manual Integrations APPROVED
Sohil
8/24/2020 1:50:01 PM

Quant Time: Aug 21 13:25:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165773	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	634845	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	321068	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	600206	20.00	ng		0.00
76) Chrysene-d12	13.86	240	463397	20.00	ng		0.01
86) Perylene-d12	15.27	264	499574	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	939639	92.94	ng		0.02
7) Phenol-d6	6.35	99	1111417	86.12	ng		0.01
23) Nitrobenzene-d5	7.27	82	780203	69.51	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	339847	90.83	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1334304	78.84	ng		0.00
79) Terphenyl-d14	12.80	244	1329741	56.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	249432	54.523	ng		100
3) Pyridine	3.15	79	359078	29.245	ng		98
4) n-Nitrosodimethylamine	3.10	42	197922	39.604	ng		99
6) Aniline	6.36	93	478919	32.137	ng	#	56
8) 2-Chlorophenol	6.49	128	437589	41.413	ng		100
9) Benzaldehyde	6.25	77	282862	38.959	ng		97
10) Phenol	6.36	94	482921	35.686	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	409570	39.298	ng		97
12) 1,3-Dichlorobenzene	6.64	146	432335	36.520	ng		99
13) 1,4-Dichlorobenzene	6.72	146	438631	36.703	ng		99
14) 1,2-Dichlorobenzene	6.87	146	418980	36.814	ng		98
15) Benzyl Alcohol	6.85	79	345070	44.438	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	547285	35.664	ng		94
17) 2-Methylphenol	6.97	107	343714	39.423	ng		95
18) Hexachloroethane	7.20	117	162164	36.442	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	260436	37.521	ng		98
20) 3+4-Methylphenols	7.12	107	396643	46.142	ng		94
22) Acetophenone	7.11	105	548153	36.932	ng		97
24) Nitrobenzene	7.29	77	430982	37.671	ng		98
25) Isophorone	7.53	82	797398	39.035	ng		99
26) 2-Nitrophenol	7.60	139	238792	40.697	ng		98
27) 2,4-Dimethylphenol	7.65	122	377326	45.068	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	507560	36.500	ng		99
29) 2,4-Dichlorophenol	7.85	162	350080	38.298	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	381951	36.540	ng		99
31) Naphthalene	8.00	128	1172392	37.106	ng		100
32) Benzoic acid	7.80	122	186409	31.351	ng		97
33) 4-Chloroaniline	8.06	127	438578	31.347	ng		99
34) Hexachlorobutadiene	8.12	225	216353	34.974	ng		99
35) Caprolactam	8.44	113	128750m	43.006	ng		
36) 4-Chloro-3-methylphenol	8.55	107	364993	39.480	ng		99
37) 2-Methylnaphthalene	8.69	142	791551	38.652	ng		100
38) 1-Methylnaphthalene	8.79	142	739389	37.972	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	366264	38.436	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	313354	82.795 ng	99
43) 2,4,6-Trichlorophenol	8.97	196	249305	38.268 ng	99
44) 2,4,5-Trichlorophenol	9.02	196	268939	40.125 ng	99
46) 1,1'-Biphenyl	9.16	154	942533	39.167 ng	100
47) 2-Chloronaphthalene	9.18	162	728380	36.739 ng	100
48) 2-Nitroaniline	9.29	65	240865	38.586 ng	89
49) Acenaphthylene	9.60	152	1144474	38.865 ng	100
50) Dimethylphthalate	9.46	163	876257	37.514 ng	100
51) 2,6-Dinitrotoluene	9.53	165	197534	39.597 ng	94
52) Acenaphthene	9.77	154	670598	37.479 ng	98
53) 3-Nitroaniline	9.70	138	173865	27.861 ng	100
54) 2,4-Dinitrophenol	9.82	184	199096	82.784 ng	90
55) Dibenzofuran	9.94	168	978176	42.537 ng	99
56) 4-Nitrophenol	9.88	139	281995	73.271 ng	93
57) 2,4-Dinitrotoluene	9.93	165	235522	38.700 ng	91
58) Fluorene	10.29	166	751468	44.693 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	222844	38.894 ng	99
60) Diethylphthalate	10.16	149	828584	36.326 ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	361660	42.397 ng	100
62) 4-Nitroaniline	10.32	138	228246	35.696 ng	99
63) Azobenzene	10.43	77	799413	37.733 ng	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	142645	44.440 ng	86
66) n-Nitrosodiphenylamine	10.40	169	727325	39.286 ng	99
67) 4-Bromophenyl-phenylether	10.76	248	250755	37.663 ng	98
68) Hexachlorobenzene	10.83	284	283455	36.935 ng	94
69) Atrazine	10.93	200	209665	36.558 ng	100
70) Pentachlorophenol	11.03	266	279795	81.941 ng	99
71) Phenanthrene	11.25	178	1129167	36.350 ng	100
72) Anthracene	11.29	178	1191646	39.836 ng	100
73) Carbazole	11.45	167	1127273	39.486 ng	100
74) Di-n-butylphthalate	11.78	149	1282324	37.249 ng	100
75) Fluoranthene	12.43	202	1278802	37.928 ng	98
77) Benzidine	12.56	184	826001	64.699 ng	99
78) Pyrene	12.66	202	1294433	37.187 ng	99
80) Butylbenzylphthalate	13.27	149	557472	37.271 ng	99
81) Benzo(a)anthracene	13.84	228	1062961	36.931 ng	99
82) 3,3'-Dichlorobenzidine	13.81	252	371508	33.618 ng	99
83) Chrysene	13.89	228	1102354	37.448 ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	651647	37.047 ng	99
85) Di-n-octyl phthalate	14.44	149	1286915	39.534 ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1212416	39.758 ng	99
88) Benzo(b)fluoranthene	14.87	252	1154254	35.764 ng	99
89) Benzo(k)fluoranthene	14.90	252	1099725	38.709 ng	99
90) Benzo(a)pyrene	15.21	252	1043766	37.429 ng	99
91) Dibenzo(a,h)anthracene	16.65	278	995085	39.798 ng	99
92) Benzo(g,h,i)perylene	17.05	276	1024200	41.900 ng	100

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

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