Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122120\
Data File : BF122801.D
Acq On : 21 Dec 2020 15:31
Operator : JU/CG
Sample : PB133720BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133720BS

Manual Integrations APPROVED
mohammad
12/22/2020 12:07:52 PM

Quant Time: Dec 21 17:16:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	185374	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	684586	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	366348	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	648577	20.00	ng		0.00
76) Chrysene-d12	13.992	240	521040	20.00	ng		0.00
86) Perylene-d12	15.445	264	461055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1267443	108.24	ng		0.02
7) Phenol-d6	6.463	99	1618633	104.23	ng		0.00
23) Nitrobenzene-d5	7.386	82	952784	69.73	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	514736	107.34	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1765894	65.20	ng		0.00
79) Terphenyl-d14	12.933	244	2023631	67.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	224818	40.85	ng		98
3) Pyridine	3.434	79	603095	41.46	ng		98
4) n-Nitrosodimethylamine	3.398	42	251502	43.11	ng		97
6) Aniline	6.487	93	556265	30.43	ng		98
8) 2-Chlorophenol	6.610	128	553157	42.86	ng		99
9) Benzaldehyde	6.369	77	121820	12.96	ng		98
10) Phenol	6.475	94	638973	39.71	ng		96
11) bis(2-Chloroethyl)ether	6.563	93	544934	44.33	ng		97
12) 1,3-Dichlorobenzene	6.763	146	626354	41.02	ng		100
13) 1,4-Dichlorobenzene	6.839	146	629978	40.91	ng		99
14) 1,2-Dichlorobenzene	6.992	146	575443	38.71	ng		99
15) Benzyl Alcohol	6.969	79	422231	39.49	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	661139	37.71	ng		95
17) 2-Methylphenol	7.081	107	453563	44.21	ng		97
18) Hexachloroethane	7.334	117	233486	42.55	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	363086	40.82	ng		98
20) 3+4-Methylphenols	7.234	107	513647	39.63	ng		97
22) Acetophenone	7.234	105	711108	41.78	ng	#	96
24) Nitrobenzene	7.404	77	579835	42.66	ng		98
25) Isophorone	7.645	82	1040833	44.23	ng		99
26) 2-Nitrophenol	7.722	139	310683	46.86	ng		95
27) 2,4-Dimethylphenol	7.763	122	476826	49.07	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	660439	40.98	ng		99
29) 2,4-Dichlorophenol	7.969	162	476772	42.02	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	530772	41.28	ng		99
31) Naphthalene	8.128	128	1590498	42.10	ng		99
32) Benzoic acid	7.916	122	331093	42.76	ng		99
33) 4-Chloroaniline	8.175	127	389909	24.69	ng		99
34) Hexachlorobutadiene	8.245	225	322656	40.78	ng		99
35) Caprolactam	8.563	113	145956m	42.71	ng		
36) 4-Chloro-3-methylphenol	8.669	107	500503	44.78	ng		97
37) 2-Methylnaphthalene	8.822	142	1073843	42.97	ng		99
38) 1-Methylnaphthalene	8.916	142	989759	41.87	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	505540	41.66	ng		99
41) Hexachlorocyclopentadiene	8.975	237	446425	83.21	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	342878	40.91	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	356109	41.11	ng		97
46) 1,1'-Biphenyl	9.286	154	1262009	41.51	ng		99
47) 2-Chloronaphthalene	9.310	162	1003027	39.82	ng		99
48) 2-Nitroaniline	9.410	65	289821	39.46	ng		99
49) Acenaphthylene	9.727	152	1536078	41.28	ng		99
50) Dimethylphthalate	9.586	163	1208847	41.32	ng		99
51) 2,6-Dinitrotoluene	9.651	165	271085	43.87	ng		96
52) Acenaphthene	9.898	154	1083196m	45.00	ng		
53) 3-Nitroaniline	9.816	138	186574	26.13	ng		94
54) 2,4-Dinitrophenol	9.933	184	275319	91.13	ng		95
55) Dibenzofuran	10.069	168	1356447	40.06	ng		99
56) 4-Nitrophenol	9.992	139	398129	78.20	ng		93
57) 2,4-Dinitrotoluene	10.057	165	354112	43.02	ng		97
58) Fluorene	10.410	166	1045513	38.82	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	305761	40.18	ng		99
60) Diethylphthalate	10.286	149	1153579	40.54	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	511793	38.59	ng		96
62) 4-Nitroaniline	10.439	138	277334	38.26	ng		96
63) Azobenzene	10.563	77	1057978	40.45	ng		98
65) 4,6-Dinitro-2-methylph...	10.469	198	199608	50.47	ng		96
66) n-Nitrosodiphenylamine	10.522	169	970138	42.33	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	363398	41.35	ng		94
68) Hexachlorobenzene	10.963	284	396575	40.82	ng		97
69) Atrazine	11.051	200	275370	37.00	ng		100
70) Pentachlorophenol	11.157	266	416533	80.92	ng		99
71) Phenanthrene	11.374	178	1545504	40.10	ng		100
72) Anthracene	11.427	178	1584949	41.47	ng		100
73) Carbazole	11.580	167	1444895	41.68	ng		99
74) Di-n-butylphthalate	11.910	149	1709340	39.24	ng		99
75) Fluoranthene	12.563	202	1635829	40.47	ng		99
77) Benzidine	12.680	184	564963	50.13	ng		99
78) Pyrene	12.792	202	1648886	40.93	ng		100
80) Butylbenzylphthalate	13.410	149	722431	39.81	ng		93
81) Benzo(a)anthracene	13.980	228	1448526	41.60	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	449548	36.05	ng		99
83) Chrysene	14.021	228	1425978	41.15	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	972767	39.15	ng	#	98
85) Di-n-octyl phthalate	14.580	149	1626079	39.45	ng		98
87) Indeno(1,2,3-cd)pyrene	16.903	276	1346180	44.48	ng		100
88) Benzo(b)fluoranthene	15.027	252	1550852	47.94	ng		99
89) Benzo(k)fluoranthene	15.062	252	1288569	43.57	ng		98
90) Benzo(a)pyrene	15.392	252	1264519	44.68	ng		100
91) Dibenzo(a,h)anthracene	16.921	278	1115438	45.03	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1090443	45.49	ng		100

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

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