Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
Data File : BF122867.D
Acq On : 29 Dec 2020 16:26
Operator : JU/CG
Sample : PB133837BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133837BS

Manual Integrations APPROVED
mohammad
12/30/2020 2:21:09 PM

Quant Time: Dec 29 18:13:44 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	165898	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	654438	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	345753	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	685457	20.00	ng		0.00
76) Chrysene-d12	13.998	240	525374	20.00	ng		0.01
86) Perylene-d12	15.451	264	458870	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1165586	111.23	ng		0.02
7) Phenol-d6	6.469	99	1472323	105.94	ng		0.01
23) Nitrobenzene-d5	7.392	82	956825	73.25	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	553685	122.34	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1828480	71.53	ng		0.00
79) Terphenyl-d14	12.939	244	2106987	70.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	129810	26.36	ng		100
3) Pyridine	3.381	79	394985	30.34	ng		97
4) n-Nitrosodimethylamine	3.328	42	186736	35.77	ng		99
6) Aniline	6.487	93	512016	31.30	ng		95
8) 2-Chlorophenol	6.610	128	496945	43.03	ng		96
9) Benzaldehyde	6.369	77	110174	13.10	ng		98
10) Phenol	6.481	94	559095	38.82	ng		85
11) bis(2-Chloroethyl)ether	6.557	93	463028	42.09	ng		100
12) 1,3-Dichlorobenzene	6.763	146	523697	38.32	ng		99
13) 1,4-Dichlorobenzene	6.840	146	535132	38.83	ng		99
14) 1,2-Dichlorobenzene	6.992	146	516109	38.80	ng		99
15) Benzyl Alcohol	6.969	79	402536	42.07	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	563777	35.94	ng		91
17) 2-Methylphenol	7.081	107	391820	42.68	ng		97
18) Hexachloroethane	7.334	117	189841	38.66	ng		96
19) n-Nitroso-di-n-propyla...	7.239	70	318343	39.99	ng		97
20) 3+4-Methylphenols	7.239	107	459355	39.60	ng		98
22) Acetophenone	7.234	105	614715	37.78	ng	#	95
24) Nitrobenzene	7.410	77	501211	38.57	ng		98
25) Isophorone	7.651	82	917091	40.76	ng		99
26) 2-Nitrophenol	7.722	139	264563	41.75	ng		97
27) 2,4-Dimethylphenol	7.763	122	420975	45.32	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	585211	37.98	ng		99
29) 2,4-Dichlorophenol	7.969	162	437452	40.33	ng		97
30) 1,2,4-Trichlorobenzene	8.051	180	463341	37.70	ng		98
31) Naphthalene	8.128	128	1376484	38.12	ng		100
32) Benzoic acid	7.916	122	287068	38.79	ng		98
33) 4-Chloroaniline	8.175	127	330946	21.92	ng		98
34) Hexachlorobutadiene	8.245	225	272056	35.96	ng		100
35) Caprolactam	8.569	113	144772m	44.31	ng		
36) 4-Chloro-3-methylphenol	8.675	107	473264	44.29	ng		98
37) 2-Methylnaphthalene	8.822	142	925596	38.75	ng		98
38) 1-Methylnaphthalene	8.922	142	866783	38.36	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	450424	39.33	ng		100
41) Hexachlorocyclopentadiene	8.975	237	390605	77.14	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	310141	39.21	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	350135	42.83	ng	97
46) 1,1'-Biphenyl	9.286	154	1167274	40.68	ng	99
47) 2-Chloronaphthalene	9.310	162	937139	39.42	ng	99
48) 2-Nitroaniline	9.410	65	280426	40.46	ng	95
49) Acenaphthylene	9.728	152	1376477	39.20	ng	99
50) Dimethylphthalate	9.586	163	1156311	41.88	ng	99
51) 2,6-Dinitrotoluene	9.651	165	257214	44.10	ng	91
52) Acenaphthene	9.898	154	996748m	43.87	ng	
53) 3-Nitroaniline	9.822	138	164851	24.46	ng	98
54) 2,4-Dinitrophenol	9.939	184	257345	90.25	ng	95
55) Dibenzofuran	10.069	168	1249705	39.10	ng	98
56) 4-Nitrophenol	9.998	139	338476	70.44	ng	88
57) 2,4-Dinitrotoluene	10.063	165	328252	42.26	ng	96
58) Fluorene	10.416	166	1013841	39.89	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	300525	41.84	ng	100
60) Diethylphthalate	10.286	149	1145491	42.65	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	497248	39.73	ng	98
62) 4-Nitroaniline	10.445	138	267139	39.05	ng	94
63) Azobenzene	10.563	77	1037081	42.01	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	197002	47.13	ng	97
66) n-Nitrosodiphenylamine	10.528	169	952164	39.31	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	369866	39.82	ng	96
68) Hexachlorobenzene	10.963	284	394100	38.38	ng	99
69) Atrazine	11.057	200	301196	38.29	ng	99
70) Pentachlorophenol	11.163	266	417431	76.73	ng	98
71) Phenanthrene	11.380	178	1599316	39.26	ng	99
72) Anthracene	11.427	178	1641562	40.64	ng	100
73) Carbazole	11.586	167	1468264	40.08	ng	100
74) Di-n-butylphthalate	11.910	149	1832298	39.80	ng	99
75) Fluoranthene	12.569	202	1671893	39.14	ng	98
77) Benzidine	12.686	184	497796	43.81	ng	99
78) Pyrene	12.798	202	1696090	41.76	ng	99
80) Butylbenzylphthalate	13.410	149	776682	42.45	ng	96
81) Benzo(a)anthracene	13.986	228	1469856	41.86	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	418736	33.30	ng	99
83) Chrysene	14.021	228	1430788	40.95	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	1119358	44.68	ng	99
85) Di-n-octyl phthalate	14.574	149	1836172	44.18	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	1244380	41.31	ng	99
88) Benzo(b)fluoranthene	15.033	252	1398328	43.43	ng	99
89) Benzo(k)fluoranthene	15.063	252	1353771	45.99	ng	99
90) Benzo(a)pyrene	15.398	252	1200255	42.61	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	1038280	42.12	ng	98
92) Benzo(g,h,i)perylene	17.357	276	1048581	43.95	ng	99

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

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