Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122850.D
Acq On : 24 Dec 2020 10:40
Operator : JU/CG
Sample : PB133772BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133772BS

Manual Integrations APPROVED
mohammad
12/28/2020 11:07:20 PM

Quant Time: Dec 24 11:12:03 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	6.816	152	158522	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	606423	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	321234	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	591185	20.00	ng		0.00
76) Chrysene-d12	13.992	240	489202	20.00	ng		0.00
86) Perylene-d12	15.445	264	412169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1101884	110.04	ng		0.02
7) Phenol-d6	6.463	99	1378695	103.82	ng		0.00
23) Nitrobenzene-d5	7.387	82	823929	68.07	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	465487	110.70	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1598317	67.30	ng		0.00
79) Terphenyl-d14	12.933	244	1818448	65.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	186253	39.57	ng		99
3) Pyridine	3.428	79	481596	38.71	ng		99
4) n-Nitrosodimethylamine	3.387	42	199406	39.97	ng		95
6) Aniline	6.487	93	477680	30.56	ng		96
8) 2-Chlorophenol	6.610	128	473848	42.93	ng		98
9) Benzaldehyde	6.369	77	44326	5.51	ng		95
10) Phenol	6.475	94	544449	39.57	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	446739	42.50	ng		100
12) 1,3-Dichlorobenzene	6.763	146	539903	41.34	ng		100
13) 1,4-Dichlorobenzene	6.840	146	547921	41.61	ng		99
14) 1,2-Dichlorobenzene	6.992	146	504875	39.72	ng		100
15) Benzyl Alcohol	6.969	79	378603	41.40	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	575497	38.39	ng		95
17) 2-Methylphenol	7.081	107	397900	45.35	ng		98
18) Hexachloroethane	7.328	117	196899	41.96	ng		95
19) n-Nitroso-di-n-propyla...	7.240	70	322616	42.41	ng		99
20) 3+4-Methylphenols	7.234	107	453852	40.95	ng		95
22) Acetophenone	7.234	105	625221	41.46	ng	#	96
24) Nitrobenzene	7.404	77	506780	42.09	ng		98
25) Isophorone	7.645	82	910725	43.69	ng		99
26) 2-Nitrophenol	7.722	139	264029	44.96	ng		96
27) 2,4-Dimethylphenol	7.763	122	428429	49.77	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	595063	41.68	ng		100
29) 2,4-Dichlorophenol	7.969	162	409667	40.76	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	461481	40.52	ng		100
31) Naphthalene	8.128	128	1402492	41.91	ng		100
32) Benzoic acid	7.910	122	288938	42.13	ng		97
33) 4-Chloroaniline	8.175	127	353324	25.26	ng		100
34) Hexachlorobutadiene	8.245	225	278367	39.71	ng		99
35) Caprolactam	8.563	113	128550m	42.46	ng		
36) 4-Chloro-3-methylphenol	8.669	107	434872	43.92	ng		100
37) 2-Methylnaphthalene	8.816	142	937470	42.35	ng		99
38) 1-Methylnaphthalene	8.916	142	873408	41.71	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	429369	40.35	ng		100
41) Hexachlorocyclopentadiene	8.975	237	366060	77.81	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	293985	40.01	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	317362	41.78	ng	97
46) 1,1'-Biphenyl	9.281	154	1143131	42.88	ng	99
47) 2-Chloronaphthalene	9.310	162	892525	40.41	ng	99
48) 2-Nitroaniline	9.410	65	258346	40.12	ng	97
49) Acenaphthylene	9.722	152	1361353	41.73	ng	100
50) Dimethylphthalate	9.586	163	1094458	42.66	ng	99
51) 2,6-Dinitrotoluene	9.651	165	243040	44.86	ng	96
52) Acenaphthene	9.898	154	967459m	45.83	ng	
53) 3-Nitroaniline	9.822	138	166249	26.55	ng	96
54) 2,4-Dinitrophenol	9.933	184	244417	92.26	ng	95
55) Dibenzofuran	10.069	168	1214718	40.91	ng	99
56) 4-Nitrophenol	9.992	139	337132	75.52	ng	91
57) 2,4-Dinitrotoluene	10.057	165	309775	42.92	ng	99
58) Fluorene	10.410	166	958102	40.57	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	270266	40.50	ng	99
60) Diethylphthalate	10.286	149	1045693	41.91	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	466397	40.11	ng	99
62) 4-Nitroaniline	10.439	138	244309	38.44	ng	97
63) Azobenzene	10.563	77	952420	41.52	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	176842	49.06	ng	97
66) n-Nitrosodiphenylamine	10.522	169	888385	42.53	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	314310	39.23	ng	92
68) Hexachlorobenzene	10.963	284	344396	38.89	ng	96
69) Atrazine	11.051	200	242073	35.68	ng	99
70) Pentachlorophenol	11.157	266	369314	78.71	ng	98
71) Phenanthrene	11.375	178	1420550	40.43	ng	99
72) Anthracene	11.427	178	1489415	42.75	ng	99
73) Carbazole	11.580	167	1284734	40.66	ng	100
74) Di-n-butylphthalate	11.904	149	1622175	40.86	ng	100
75) Fluoranthene	12.563	202	1509419	40.97	ng	99
77) Benzidine	12.680	184	553393	52.30	ng	98
78) Pyrene	12.792	202	1540703	40.73	ng	100
80) Butylbenzylphthalate	13.404	149	690370	40.52	ng	99
81) Benzo(a)anthracene	13.980	228	1358209	41.54	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	431812	36.88	ng	96
83) Chrysene	14.021	228	1354396	41.63	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	963058	41.28	ng	100
85) Di-n-octyl phthalate	14.574	149	1607472	41.54	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1325984	49.01	ng	100
88) Benzo(b)fluoranthene	15.027	252	1319949	45.64	ng	99
89) Benzo(k)fluoranthene	15.057	252	1352715	51.16	ng	100
90) Benzo(a)pyrene	15.392	252	1143700	45.21	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1114268	50.32	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1064563	49.67	ng	99

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

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