Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121987.D
Acq On : 15 Oct 2020 12:57
Operator : JU/CG
Sample : L4225-09MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-100920MSD

Manual Integrations APPROVED
mohammad
10/16/2020 12:47:39 PM

Quant Time: Oct 15 13:41:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	109841	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	432123	20.00	ng		0.00
39) Acenaphthene-d10	9.781	164	223568	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	423253	20.00	ng		0.00
76) Chrysene-d12	13.910	240	295688	20.00	ng		0.00
86) Perylene-d12	15.339	264	232896	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	813253	109.28	ng		0.02
7) Phenol-d6	6.398	99	929838	97.06	ng		0.00
23) Nitrobenzene-d5	7.316	82	789607	93.71	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	350693	126.81	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1275955	83.97	ng		0.00
79) Terphenyl-d14	12.851	244	1433609	92.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	120405	36.78	ng	#	84
3) Pyridine	3.328	79	294199	34.18	ng		99
4) n-Nitrosodimethylamine	3.240	42	182255	43.81	ng		97
6) Aniline	6.416	93	241983	20.51	ng	#	25
8) 2-Chlorophenol	6.540	128	344609	45.81	ng		95
9) Benzaldehyde	6.298	77	37238	4.56	ng		99
10) Phenol	6.410	94	372859	37.71	ng		99
11) bis(2-Chloroethyl)ether	6.487	93	350012	45.79	ng		97
12) 1,3-Dichlorobenzene	6.687	146	354176	41.86	ng		98
13) 1,4-Dichlorobenzene	6.763	146	356586	41.98	ng		99
14) 1,2-Dichlorobenzene	6.916	146	337487	43.46	ng		99
15) Benzyl Alcohol	6.904	79	309499	49.95	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.022	45	506503	43.06	ng	#	42
17) 2-Methylphenol	7.016	107	272839	42.42	ng	#	91
18) Hexachloroethane	7.251	117	131608	42.89	ng		98
19) n-Nitroso-di-n-propyla...	7.169	70	251415	46.09	ng		98
20) 3+4-Methylphenols	7.175	107	344499	44.42	ng	#	63
22) Acetophenone	7.163	105	483371	43.47	ng		92
24) Nitrobenzene	7.334	77	387674	43.04	ng		100
25) Isophorone	7.575	82	686811	43.11	ng		100
26) 2-Nitrophenol	7.651	139	184793	44.55	ng		99
27) 2,4-Dimethylphenol	7.698	122	306204	43.31	ng		100
28) bis(2-Chloroethoxy)met...	7.781	93	425437	42.68	ng		100
29) 2,4-Dichlorophenol	7.898	162	287113	43.37	ng		98
30) 1,2,4-Trichlorobenzene	7.969	180	293638	41.71	ng		99
31) Naphthalene	8.051	128	971157	41.95	ng		99
32) Benzoic acid	7.845	122	99047	28.27	ng		95
33) 4-Chloroaniline	8.104	127	122231	12.40	ng		96
34) Hexachlorobutadiene	8.163	225	173706	41.61	ng		99
35) Caprolactam	8.498	113	69546m	33.08	ng		
36) 4-Chloro-3-methylphenol	8.604	107	319372	44.91	ng		99
37) 2-Methylnaphthalene	8.739	142	638028	42.56	ng		98
38) 1-Methylnaphthalene	8.839	142	589318	42.45	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	300817	41.69	ng		100
41) Hexachlorocyclopentadiene	8.892	237	139909	67.06	ng		99
43) 2,4,6-Trichlorophenol	9.028	196	199971	44.92	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	210698	43.82	ng		98
46) 1,1'-Biphenyl	9.204	154	763101	41.98	ng		100
47) 2-Chloronaphthalene	9.234	162	597997	42.30	ng		98
48) 2-Nitroaniline	9.334	65	219598	47.09	ng		97
49) Acenaphthylene	9.645	152	919696	42.36	ng		100
50) Dimethylphthalate	9.510	163	796594	48.73	ng		100
51) 2,6-Dinitrotoluene	9.581	165	165427	46.13	ng	#	82
52) Acenaphthene	9.816	154	561511	43.48	ng		99
53) 3-Nitroaniline	9.745	138	103800	25.45	ng		100
54) 2,4-Dinitrophenol	9.869	184	130045	72.03	ng		93
55) Dibenzofuran	9.986	168	806242	42.69	ng		97
56) 4-Nitrophenol	9.934	139	173938	78.40	ng	#	81
57) 2,4-Dinitrotoluene	9.986	165	202944	45.97	ng	#	84
58) Fluorene	10.333	166	666649	43.81	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	184193	49.52	ng		97
60) Diethylphthalate	10.204	149	708414	44.94	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	315636	43.25	ng		100
62) 4-Nitroaniline	10.369	138	180939	44.41	ng		97
63) Azobenzene	10.481	77	728711	43.71	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	110738	39.87	ng		92
66) n-Nitrosodiphenylamine	10.445	169	630201	43.22	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	210424	43.03	ng		99
68) Hexachlorobenzene	10.881	284	239135	43.21	ng		95
69) Atrazine	10.975	200	143877	40.36	ng		99
70) Pentachlorophenol	11.080	266	193838	88.17	ng		99
71) Phenanthrene	11.292	178	1007004	43.39	ng		100
72) Anthracene	11.345	178	1049216	43.59	ng		99
73) Carbazole	11.504	167	951512	44.46	ng		100
74) Di-n-butylphthalate	11.828	149	965122	39.20	ng		99
75) Fluoranthene	12.480	202	1075339	43.21	ng		99
77) Benzidine	12.610	184	80907	8.88	ng	#	1
78) Pyrene	12.710	202	1075664	47.74	ng		100
80) Butylbenzylphthalate	13.322	149	439964	49.23	ng		98
81) Benzo(a)anthracene	13.898	228	880034	45.42	ng		100
82) 3,3'-Dichlorobenzidine	13.857	252	149323	20.78	ng		98
83) Chrysene	13.939	228	857662	45.09	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	570107	46.99	ng		98
85) Di-n-octyl phthalate	14.492	149	849433	43.29	ng		97
87) Indeno(1,2,3-cd)pyrene	16.768	276	805255	53.25	ng		99
88) Benzo(b)fluoranthene	14.933	252	738515	46.91	ng		99
89) Benzo(k)fluoranthene	14.963	252	691922	46.27	ng		100
90) Benzo(a)pyrene	15.286	252	644502	47.40	ng		100
91) Dibenzo(a,h)anthracene	16.768	278	660191	53.02	ng		99
92) Benzo(g,h,i)perylene	17.186	276	707570	56.78	ng		99

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

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