Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122266.D
Acq On : 4 Nov 2020 16:38
Operator : JU/CG
Sample : L4600-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-17MSD

Manual Integrations APPROVED
mohammad
11/5/2020 3:59:27 PM

Quant Time: Nov 04 17:12:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 10:16:54 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	83391	20.00	ng		0.00
21) Naphthalene-d8	7.992	136	328742	20.00	ng		0.00
39) Acenaphthene-d10	9.745	164	158339	20.00	ng		0.00
64) Phenanthrene-d10	11.233	188	254782	20.00	ng		0.00
76) Chrysene-d12	13.886	240	184242	20.00	ng		0.00
86) Perylene-d12	15.327	264	182240	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	676414	119.72	ng		0.02
7) Phenol-d6	6.381	99	760667	104.58	ng		0.01
23) Nitrobenzene-d5	7.286	82	584636	91.21	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	237817	121.42	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	976440	90.73	ng		0.00
79) Terphenyl-d14	12.815	244	814497	84.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	89682	36.09	ng	#	84
3) Pyridine	3.287	79	198525	30.38	ng		96
4) n-Nitrosodimethylamine	3.181	42	141037	44.66	ng		92
6) Aniline	6.386	93	139896	15.62	ng	#	1
8) 2-Chlorophenol	6.516	128	265894	46.56	ng		94
9) Benzaldehyde	6.281	77	51470	9.51	ng		100
10) Phenol	6.392	94	318425	42.42	ng		97
11) bis(2-Chloroethyl)ether	6.451	93	273813	47.19	ng		99
12) 1,3-Dichlorobenzene	6.651	146	274837	42.78	ng		98
13) 1,4-Dichlorobenzene	6.728	146	283393	43.94	ng		99
14) 1,2-Dichlorobenzene	6.881	146	263869	44.76	ng		97
15) Benzyl Alcohol	6.881	79	234994	49.95	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.986	45	420902	47.13	ng		97
17) 2-Methylphenol	6.998	107	214653	43.96	ng	#	92
18) Hexachloroethane	7.210	117	99539	42.73	ng		98
19) n-Nitroso-di-n-propyla...	7.139	70	209947	50.70	ng		99
20) 3+4-Methylphenols	7.163	107	280196	47.59	ng	#	58
22) Acetophenone	7.133	105	388277	45.90	ng	#	89
24) Nitrobenzene	7.304	77	310056	45.25	ng		98
25) Isophorone	7.545	82	541056	44.64	ng		99
26) 2-Nitrophenol	7.622	139	138857	44.01	ng		91
27) 2,4-Dimethylphenol	7.669	122	229960	42.75	ng		96
28) bis(2-Chloroethoxy)met...	7.751	93	344847	45.47	ng		99
29) 2,4-Dichlorophenol	7.886	162	225862	44.84	ng		98
30) 1,2,4-Trichlorobenzene	7.939	180	228740	42.71	ng		98
31) Naphthalene	8.016	128	765793	43.48	ng		99
32) Benzoic acid	7.839	122	47255m	20.59	ng		
33) 4-Chloroaniline	8.092	127	88480	11.80	ng		99
34) Hexachlorobutadiene	8.122	225	144308	45.44	ng		99
35) Caprolactam	8.475	113	53148	33.23	ng		94
36) 4-Chloro-3-methylphenol	8.586	107	244604	45.21	ng		99
37) 2-Methylnaphthalene	8.710	142	500745	43.90	ng		98
38) 1-Methylnaphthalene	8.804	142	461667	43.71	ng		100
40) 1,2,4,5-Tetrachloroben...	8.875	216	238820	46.73	ng		99
41) Hexachlorocyclopentadiene	8.851	237	4896	13.64	ng		94
43) 2,4,6-Trichlorophenol	9.004	196	145597	46.17	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	138401	40.64	ng		96
46) 1,1'-Biphenyl	9.169	154	602267	46.78	ng		99
47) 2-Chloronaphthalene	9.198	162	463938	46.34	ng		99
48) 2-Nitroaniline	9.316	65	164343	49.76	ng		99
49) Acenaphthylene	9.610	152	687523	44.71	ng		100
50) Dimethylphthalate	9.480	163	572260	49.43	ng		99
51) 2,6-Dinitrotoluene	9.551	165	116672	45.94	ng	#	82
52) Acenaphthene	9.780	154	414787	45.35	ng		98
53) 3-Nitroaniline	9.733	138	56679	19.62	ng		97
54) 2,4-Dinitrophenol	9.886	184	25855	26.47	ng	#	69
55) Dibenzofuran	9.957	168	613799	45.89	ng		95
56) 4-Nitrophenol	9.945	139	54034m	34.39	ng		
57) 2,4-Dinitrotoluene	9.969	165	152121	48.65	ng		96
58) Fluorene	10.298	166	487247	45.21	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	125075	47.47	ng		95
60) Diethylphthalate	10.174	149	551266	49.38	ng		99
61) 4-Chlorophenyl-phenyle...	10.286	204	244273	47.26	ng		96
62) 4-Nitroaniline	10.351	138	100723	34.90	ng		92
63) Azobenzene	10.445	77	541209	45.84	ng		97
65) 4,6-Dinitro-2-methylph...	10.392	198	24142	17.27	ng	#	70
66) n-Nitrosodiphenylamine	10.410	169	444909	50.69	ng		99
67) 4-Bromophenyl-phenylether	10.774	248	151811	51.57	ng		97
68) Hexachlorobenzene	10.851	284	159094	47.75	ng		93
69) Atrazine	10.945	200	119747	55.80	ng		98
70) Pentachlorophenol	11.069	266	77108	60.96	ng		99
71) Phenanthrene	11.263	178	626929	44.88	ng		99
72) Anthracene	11.316	178	657140	45.35	ng		99
73) Carbazole	11.480	167	568979	44.17	ng		100
74) Di-n-butylphthalate	11.792	149	779461	52.59	ng		99
75) Fluoranthene	12.451	202	610723	40.77	ng		98
77) Benzidine	12.586	184	221492	38.99	ng		99
78) Pyrene	12.680	202	609786	43.43	ng		98
80) Butylbenzylphthalate	13.286	149	275999	49.57	ng		96
81) Benzo(a)anthracene	13.874	228	557299	46.16	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	159043	35.51	ng		99
83) Chrysene	13.915	228	549035	46.32	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	394074	52.13	ng		100
85) Di-n-octyl phthalate	14.457	149	681055	55.70	ng		99
87) Indeno(1,2,3-cd)pyrene	16.751	276	477397	40.35	ng		98
88) Benzo(b)fluoranthene	14.915	252	547804	44.47	ng		99
89) Benzo(k)fluoranthene	14.939	252	560793	47.92	ng		99
90) Benzo(a)pyrene	15.268	252	485046	45.59	ng		100
91) Dibenzo(a,h)anthracene	16.751	278	415460	42.64	ng		97
92) Benzo(g,h,i)perylene	17.186	276	364678	37.40	ng		96

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

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