Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102220\
Data File : BF122082.D
Acq On : 22 Oct 2020 14:27
Operator : JU/CG
Sample : L4436-08MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
36AMS

Manual Integrations APPROVED
mohammad
10/23/2020 1:31:57 PM

Quant Time: Oct 22 14:56:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 12:04:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	112522	20.00	ng		0.00
21) Naphthalene-d8	8.016	136	451029	20.00	ng		0.00
39) Acenaphthene-d10	9.763	164	237285	20.00	ng		0.00
64) Phenanthrene-d10	11.251	188	439482	20.00	ng		0.00
76) Chrysene-d12	13.892	240	264704	20.00	ng		0.00
86) Perylene-d12	15.321	264	254425	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	788630	103.44	ng		0.01
7) Phenol-d6	6.387	99	965810	98.41	ng		0.00
23) Nitrobenzene-d5	7.304	82	693440	78.85	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	325081	110.75	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1162892	72.11	ng		0.00
79) Terphenyl-d14	12.833	244	1208858	87.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	113856	33.96	ng		98
3) Pyridine	3.169	79	333204	37.79	ng		99
4) n-Nitrosodimethylamine	3.128	42	180827	42.44	ng		95
6) Aniline	6.398	93	378175	31.29	ng	#	19
8) 2-Chlorophenol	6.522	128	341434	44.31	ng		99
9) Benzaldehyde	6.281	77	145095	23.19	ng		99
10) Phenol	6.398	94	432328	42.69	ng		84
11) bis(2-Chloroethyl)ether	6.469	93	347593	44.39	ng		99
12) 1,3-Dichlorobenzene	6.669	146	362516	41.82	ng		99
13) 1,4-Dichlorobenzene	6.745	146	365640	42.02	ng		99
14) 1,2-Dichlorobenzene	6.898	146	341091	42.88	ng		98
15) Benzyl Alcohol	6.887	79	304144	47.91	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.010	45	512614	42.54	ng		51
17) 2-Methylphenol	7.004	107	272488	41.36	ng	#	88
18) Hexachloroethane	7.234	117	137846	43.85	ng		99
19) n-Nitroso-di-n-propyla...	7.157	70	250926	44.91	ng		98
20) 3+4-Methylphenols	7.157	107	356318	44.85	ng	#	72
22) Acetophenone	7.145	105	470568	40.55	ng	#	90
24) Nitrobenzene	7.322	77	380086	40.43	ng		100
25) Isophorone	7.563	82	691346	41.57	ng		99
26) 2-Nitrophenol	7.634	139	181886	42.02	ng		91
27) 2,4-Dimethylphenol	7.681	122	301682	40.88	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	433090	41.63	ng		100
29) 2,4-Dichlorophenol	7.887	162	289542	41.90	ng		97
30) 1,2,4-Trichlorobenzene	7.957	180	298987	40.69	ng		100
31) Naphthalene	8.034	128	972758	40.26	ng		99
32) Benzoic acid	7.851	122	170491	41.63	ng		98
33) 4-Chloroaniline	8.092	127	219159	21.29	ng		98
34) Hexachlorobutadiene	8.145	225	185150	42.49	ng		99
35) Caprolactam	8.487	113	96396m	43.92	ng		
36) 4-Chloro-3-methylphenol	8.592	107	323211	43.55	ng		99
37) 2-Methylnaphthalene	8.728	142	634751	40.56	ng		98
38) 1-Methylnaphthalene	8.822	142	585074	40.37	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	306372	40.00	ng		100
41) Hexachlorocyclopentadiene	8.875	237	131876	62.51	ng		98
43) 2,4,6-Trichlorophenol	9.016	196	200166	42.36	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	211415	41.43	ng		99
46) 1,1'-Biphenyl	9.186	154	770901	39.96	ng		99
47) 2-Chloronaphthalene	9.216	162	579480	38.62	ng		98
48) 2-Nitroaniline	9.322	65	215265	43.50	ng		96
49) Acenaphthylene	9.628	152	907332	39.37	ng		100
50) Dimethylphthalate	9.492	163	942004	54.29	ng		100
51) 2,6-Dinitrotoluene	9.563	165	164855	43.31	ng		91
52) Acenaphthene	9.798	154	555991	40.56	ng		99
53) 3-Nitroaniline	9.733	138	119080	27.51	ng		95
54) 2,4-Dinitrophenol	9.857	184	142755	74.20	ng	#	83
55) Dibenzofuran	9.969	168	803272	40.07	ng		97
56) 4-Nitrophenol	9.928	139	164699	69.94	ng		89
57) 2,4-Dinitrotoluene	9.975	165	202315	43.18	ng	#	81
58) Fluorene	10.316	166	669810	41.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	176654	44.74	ng		98
60) Diethylphthalate	10.192	149	746109	44.59	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	329096	42.49	ng		96
62) 4-Nitroaniline	10.357	138	159652	36.92	ng		91
63) Azobenzene	10.463	77	762262	43.08	ng		98
65) 4,6-Dinitro-2-methylph...	10.392	198	119009	41.11	ng		94
66) n-Nitrosodiphenylamine	10.428	169	639304	42.23	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	220815	43.49	ng		96
68) Hexachlorobenzene	10.863	284	244838	42.60	ng		98
69) Atrazine	10.957	200	179377	48.46	ng		100
70) Pentachlorophenol	11.069	266	175416	77.87	ng		99
71) Phenanthrene	11.275	178	1008200	41.84	ng		99
72) Anthracene	11.328	178	1007129	40.30	ng		100
73) Carbazole	11.486	167	889538	40.03	ng		99
74) Di-n-butylphthalate	11.810	149	1165469	45.59	ng		99
75) Fluoranthene	12.463	202	1038160	40.18	ng		99
77) Benzidine	12.586	184	389539	47.73	ng		99
78) Pyrene	12.692	202	1000918	49.62	ng		99
80) Butylbenzylphthalate	13.304	149	431819	53.98	ng		97
81) Benzo(a)anthracene	13.880	228	772770	44.55	ng		100
82) 3,3'-Dichlorobenzidine	13.839	252	201948	31.39	ng		99
83) Chrysene	13.921	228	741811	43.56	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	600962	55.34	ng		100
85) Di-n-octyl phthalate	14.469	149	910384	51.82	ng		99
87) Indeno(1,2,3-cd)pyrene	16.745	276	870885	52.72	ng		99
88) Benzo(b)fluoranthene	14.916	252	739192	42.98	ng		99
89) Benzo(k)fluoranthene	14.945	252	677775	41.49	ng		99
90) Benzo(a)pyrene	15.268	252	656413	44.19	ng		99
91) Dibenzo(a,h)anthracene	16.745	278	706488	51.94	ng		98
92) Benzo(g,h,i)perylene	17.162	276	747880	54.94	ng		98

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

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