Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121986.D
Acq On : 15 Oct 2020 12:26
Operator : JU/CG
Sample : L4225-09MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-100920MS

Manual Integrations APPROVED
mohammad
10/16/2020 12:47:36 PM

Quant Time: Oct 15 13:35:42 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	117479	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	465580	20.00	ng		0.00
39) Acenaphthene-d10	9.781	164	238263	20.00	ng		0.00
64) Phenanthrene-d10	11.269	188	416127	20.00	ng		0.00
76) Chrysene-d12	13.910	240	260028	20.00	ng		0.00
86) Perylene-d12	15.339	264	227913	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	843314	105.95	ng		0.02
7) Phenol-d6	6.398	99	980492	95.69	ng		0.00
23) Nitrobenzene-d5	7.316	82	834540	91.93	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	370171	125.59	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1371693	84.71	ng		0.00
79) Terphenyl-d14	12.857	244	1397416	102.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	123114	35.17	ng	#	84
3) Pyridine	3.328	79	301355	32.74	ng		99
4) n-Nitrosodimethylamine	3.234	42	187007	42.03	ng		98
6) Aniline	6.416	93	255404	20.24	ng	#	1
8) 2-Chlorophenol	6.540	128	367148	45.64	ng		96
9) Benzaldehyde	6.298	77	37817	4.27	ng		98
10) Phenol	6.416	94	385060	36.41	ng		99
11) bis(2-Chloroethyl)ether	6.487	93	379952	46.48	ng		97
12) 1,3-Dichlorobenzene	6.687	146	371917	41.10	ng		99
13) 1,4-Dichlorobenzene	6.763	146	379203	41.74	ng		99
14) 1,2-Dichlorobenzene	6.916	146	355283	42.78	ng		99
15) Benzyl Alcohol	6.904	79	326203	49.22	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	543237	43.18	ng		68
17) 2-Methylphenol	7.016	107	288567	41.95	ng	#	90
18) Hexachloroethane	7.251	117	139647	42.55	ng		99
19) n-Nitroso-di-n-propyla...	7.169	70	269621	46.22	ng		100
20) 3+4-Methylphenols	7.175	107	366014	44.13	ng	#	66
22) Acetophenone	7.163	105	515150	43.00	ng	#	91
24) Nitrobenzene	7.334	77	410212	42.27	ng		100
25) Isophorone	7.575	82	742030	43.23	ng		99
26) 2-Nitrophenol	7.651	139	198729	44.47	ng		97
27) 2,4-Dimethylphenol	7.698	122	325880	42.78	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	458533	42.69	ng		99
29) 2,4-Dichlorophenol	7.898	162	311980	43.74	ng		99
30) 1,2,4-Trichlorobenzene	7.969	180	313924	41.39	ng		98
31) Naphthalene	8.051	128	1039908	41.69	ng		99
32) Benzoic acid	7.840	122	58450	18.96	ng		97
33) 4-Chloroaniline	8.104	127	127300	11.98	ng		99
34) Hexachlorobutadiene	8.163	225	189488	42.13	ng		99
35) Caprolactam	8.510	113	70206m	30.99	ng		
36) 4-Chloro-3-methylphenol	8.604	107	335595	43.80	ng		100
37) 2-Methylnaphthalene	8.739	142	675850	41.84	ng		96
38) 1-Methylnaphthalene	8.839	142	634684	42.43	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	322823	41.98	ng		100
41) Hexachlorocyclopentadiene	8.892	237	165011	71.20	ng		98
43) 2,4,6-Trichlorophenol	9.028	196	214888	45.29	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	225912	44.09	ng		99
46) 1,1'-Biphenyl	9.204	154	825715	42.62	ng		99
47) 2-Chloronaphthalene	9.234	162	642918	42.67	ng		98
48) 2-Nitroaniline	9.334	65	232551	46.79	ng		96
49) Acenaphthylene	9.645	152	977158	42.23	ng		100
50) Dimethylphthalate	9.510	163	842614	48.36	ng		100
51) 2,6-Dinitrotoluene	9.581	165	174370	45.63	ng		90
52) Acenaphthene	9.816	154	590824	42.93	ng		100
53) 3-Nitroaniline	9.745	138	110887	25.51	ng		98
54) 2,4-Dinitrophenol	9.869	184	139750	72.56	ng		95
55) Dibenzofuran	9.986	168	845086	41.98	ng		96
56) 4-Nitrophenol	9.934	139	179987	76.12	ng	#	77
57) 2,4-Dinitrotoluene	9.986	165	211620	44.98	ng	#	81
58) Fluorene	10.333	166	700872	43.22	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	190520	48.06	ng		98
60) Diethylphthalate	10.210	149	755766	44.99	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	338893	43.58	ng		99
62) 4-Nitroaniline	10.369	138	183311	42.21	ng		97
63) Azobenzene	10.481	77	777019	43.73	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	115929	42.17	ng		92
66) n-Nitrosodiphenylamine	10.445	169	663706	46.30	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	218337	45.42	ng		96
68) Hexachlorobenzene	10.881	284	245935	45.20	ng		96
69) Atrazine	10.975	200	140138	39.98	ng		100
70) Pentachlorophenol	11.081	266	194529	89.84	ng		100
71) Phenanthrene	11.292	178	1018332	44.63	ng		99
72) Anthracene	11.345	178	1031403	43.58	ng		100
73) Carbazole	11.504	167	932188	44.30	ng		100
74) Di-n-butylphthalate	11.828	149	931183	38.47	ng		99
75) Fluoranthene	12.480	202	1051019	42.96	ng		99
77) Benzidine	12.610	184	50059	6.24	ng	#	1
78) Pyrene	12.710	202	1041062	52.54	ng		99
80) Butylbenzylphthalate	13.322	149	428273	54.50	ng		98
81) Benzo(a)anthracene	13.898	228	800593	46.99	ng		99
82) 3,3'-Dichlorobenzidine	13.863	252	117594	18.60	ng		99
83) Chrysene	13.939	228	708273	42.34	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	553543	51.89	ng		100
85) Di-n-octyl phthalate	14.492	149	794771	46.05	ng		100
87) Indeno(1,2,3-cd)pyrene	16.768	276	831253	56.17	ng		99
88) Benzo(b)fluoranthene	14.933	252	706050	45.83	ng		99
89) Benzo(k)fluoranthene	14.963	252	672427	45.95	ng		100
90) Benzo(a)pyrene	15.286	252	627917	47.19	ng		99
91) Dibenzo(a,h)anthracene	16.768	278	683661	56.11	ng		99
92) Benzo(g,h,i)perylene	17.192	276	736743	60.42	ng		97

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

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