Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021721\
Data File : BF123215.D
Acq On : 17 Feb 2021 16:42
Operator : JU/CG
Sample : M1422-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-021621MS

Manual Integrations APPROVED
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2/18/2021 1:41:11 PM

Quant Time: Feb 17 18:07:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 16:59:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	185057	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	576810	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	292900	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	564025	20.00	ng		0.00
76) Chrysene-d12	14.057	240	449563	20.00	ng		0.00
86) Perylene-d12	15.533	264	369781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1252342	102.58	ng		0.00
7) Phenol-d6	6.504	99	1822929	113.06	ng		0.00
23) Nitrobenzene-d5	7.433	82	808818	73.68	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	371702	117.51	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1418987	72.40	ng		0.00
79) Terphenyl-d14	12.998	244	1556318	69.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	187150	32.90	ng		95
3) Pyridine	3.410	79	528537	35.95	ng		97
4) n-Nitrosodimethylamine	3.346	42	254789	40.21	ng		95
6) Aniline	6.534	93	576433	30.04	ng		98
8) 2-Chlorophenol	6.657	128	613950	44.85	ng		97
9) Benzaldehyde	6.416	77	231777	24.49	ng		99
10) Phenol	6.516	94	825439	46.63	ng		88
11) bis(2-Chloroethyl)ether	6.604	93	582554	47.40	ng		99
12) 1,3-Dichlorobenzene	6.810	146	596350	41.89	ng		97
13) 1,4-Dichlorobenzene	6.886	146	583939	40.37	ng		96
14) 1,2-Dichlorobenzene	7.039	146	432124	32.04	ng		97
15) Benzyl Alcohol	7.010	79	369372	31.58	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	490645	30.91	ng		98
17) 2-Methylphenol	7.122	107	348130	31.68	ng		97
18) Hexachloroethane	7.386	117	168133	32.64	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	288643	31.23	ng		99
20) 3+4-Methylphenols	7.275	107	435619	31.22	ng		96
22) Acetophenone	7.281	105	576377	40.78	ng		99
24) Nitrobenzene	7.451	77	442721	38.05	ng		97
25) Isophorone	7.692	82	790530	38.78	ng		99
26) 2-Nitrophenol	7.769	139	230395	41.12	ng		99
27) 2,4-Dimethylphenol	7.804	122	365246	42.77	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	488741	44.18	ng		98
29) 2,4-Dichlorophenol	8.010	162	344153	40.83	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	371644	41.07	ng		99
31) Naphthalene	8.181	128	1223446	39.40	ng		99
32) Benzoic acid	7.933	122	279314	41.98	ng		99
33) 4-Chloroaniline	8.222	127	175597	13.66	ng		97
34) Hexachlorobutadiene	8.298	225	204322	41.12	ng		99
35) Caprolactam	8.598	113	120412m	40.76	ng		
36) 4-Chloro-3-methylphenol	8.710	107	409849	41.65	ng		96
37) 2-Methylnaphthalene	8.869	142	840042	40.88	ng		98
38) 1-Methylnaphthalene	8.969	142	786319	40.72	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	338969	41.78	ng	#	97
41) Hexachlorocyclopentadiene	9.027	237	389735	105.01	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	251111	41.08	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	267907	40.29	ng		99
46) 1,1'-Biphenyl	9.333	154	978052	41.36	ng		100
47) 2-Chloronaphthalene	9.363	162	748302	39.57	ng		99
48) 2-Nitroaniline	9.457	65	247904	39.11	ng		96
49) Acenaphthylene	9.780	152	1203305	39.55	ng		99
50) Dimethylphthalate	9.639	163	1009024	47.53	ng		99
51) 2,6-Dinitrotoluene	9.698	165	208202	40.77	ng		92
52) Acenaphthene	9.951	154	866110m	43.76	ng		
53) 3-Nitroaniline	9.863	138	143517	23.64	ng		93
54) 2,4-Dinitrophenol	9.975	184	222433	82.15	ng		95
55) Dibenzofuran	10.122	168	1055085	39.42	ng		96
56) 4-Nitrophenol	10.033	139	386288	77.43	ng		91
57) 2,4-Dinitrotoluene	10.104	165	280959	40.74	ng		98
58) Fluorene	10.469	166	847008	40.78	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	227394	43.20	ng	#	88
60) Diethylphthalate	10.339	149	928295	43.09	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	395025	42.70	ng		95
62) 4-Nitroaniline	10.486	138	227504	37.17	ng		96
63) Azobenzene	10.616	77	868791	38.56	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	147031	40.46	ng		97
66) n-Nitrosodiphenylamine	10.574	169	754489	39.59	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	247593	41.32	ng	#	88
68) Hexachlorobenzene	11.016	284	276421	42.16	ng		94
69) Atrazine	11.104	200	207304	36.48	ng		96
70) Pentachlorophenol	11.210	266	345141	84.46	ng		99
71) Phenanthrene	11.433	178	1320367	39.73	ng		99
72) Anthracene	11.486	178	1342633	40.43	ng		99
73) Carbazole	11.633	167	1197098	37.83	ng		99
74) Di-n-butylphthalate	11.968	149	1502957	44.16	ng		99
75) Fluoranthene	12.621	202	1396424	41.83	ng		99
77) Benzidine	12.745	184	384733	24.15	ng		100
78) Pyrene	12.857	202	1403527	42.23	ng		98
80) Butylbenzylphthalate	13.474	149	670797	45.64	ng		93
81) Benzo(a)anthracene	14.045	228	1229410	40.60	ng		98
82) 3,3'-Dichlorobenzidine	14.004	252	304409	29.01	ng	#	95
83) Chrysene	14.086	228	1203222	40.31	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	918511	48.15	ng		99
85) Di-n-octyl phthalate	14.651	149	1547198	47.15	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	1035314	40.75	ng		96
88) Benzo(b)fluoranthene	15.104	252	1110917	42.76	ng		98
89) Benzo(k)fluoranthene	15.133	252	1040994	43.61	ng		99
90) Benzo(a)pyrene	15.474	252	937077	40.34	ng		100
91) Dibenzo(a,h)anthracene	17.039	278	874405	40.58	ng		97
92) Benzo(g,h,i)perylene	17.474	276	852752	40.68	ng		97

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

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