Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122945.D
Acq On : 8 Jan 2021 17:30
Operator : JU/CG
Sample : M1044-19MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12MSD

Manual Integrations APPROVED
mohammad
1/11/2021 10:27:26 AM

Quant Time: Jan 08 17:55:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 16:17:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	179614	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	661103	20.00	ng		0.00
39) Acenaphthene-d10	9.963	164	325561	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	537488	20.00	ng		0.00
76) Chrysene-d12	14.104	240	449391	20.00	ng		0.00
86) Perylene-d12	15.598	264	516368	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.539	112	1184431	99.00	ng		0.00
7) Phenol-d6	6.539	99	1496336	92.16	ng		0.00
23) Nitrobenzene-d5	7.481	82	874607	65.41	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	365349	99.35	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1508838	65.70	ng		0.00
79) Terphenyl-d14	13.039	244	1269756	52.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	247815	44.34	ng		97
3) Pyridine	3.522	79	704895	46.38	ng		99
4) n-Nitrosodimethylamine	3.475	42	308215	48.51	ng		99
6) Aniline	6.575	93	483242	24.96	ng		98
8) 2-Chlorophenol	6.704	128	669921	52.02	ng		96
9) Benzaldehyde	6.463	77	126675	9.55	ng		99
10) Phenol	6.551	94	836125	52.02	ng		86
11) bis(2-Chloroethyl)ether	6.651	93	650848	50.48	ng		98
12) 1,3-Dichlorobenzene	6.863	146	734000	50.02	ng		99
13) 1,4-Dichlorobenzene	6.933	146	741196	50.26	ng		97
14) 1,2-Dichlorobenzene	7.086	146	703312	50.50	ng		99
15) Benzyl Alcohol	7.057	79	549641	47.98	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.192	45	883870	43.79	ng		98
17) 2-Methylphenol	7.163	107	532883	49.84	ng		97
18) Hexachloroethane	7.433	117	261929	47.54	ng		99
19) n-Nitroso-di-n-propyla...	7.333	70	467277	47.17	ng		97
20) 3+4-Methylphenols	7.316	107	670294	49.12	ng	#	80
22) Acetophenone	7.328	105	876851	50.23	ng	#	93
24) Nitrobenzene	7.498	77	676196	50.52	ng		99
25) Isophorone	7.739	82	1213310	50.60	ng		99
26) 2-Nitrophenol	7.816	139	311926	52.81	ng		94
27) 2,4-Dimethylphenol	7.845	122	601974	57.37	ng		97
28) bis(2-Chloroethoxy)met...	7.945	93	786876	48.43	ng		99
29) 2,4-Dichlorophenol	8.057	162	533363	50.25	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	607825	50.02	ng		99
31) Naphthalene	8.228	128	1812029	50.38	ng		99
32) Benzoic acid	7.963	122	366124	46.54	ng		96
33) 4-Chloroaniline	8.263	127	146038	9.36	ng		98
34) Hexachlorobutadiene	8.345	225	354714	50.12	ng		99
35) Caprolactam	8.633	113	163514m	45.91	ng		
36) 4-Chloro-3-methylphenol	8.745	107	524902	48.09	ng		97
37) 2-Methylnaphthalene	8.916	142	1234447	49.93	ng		97
38) 1-Methylnaphthalene	9.016	142	1136811	48.56	ng		96
40) 1,2,4,5-Tetrachloroben...	9.086	216	579234	55.81	ng		99
41) Hexachlorocyclopentadiene	9.075	237	549564	98.99	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	387694	52.75	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	389224	53.54	ng		99
46) 1,1'-Biphenyl	9.380	154	1424723	54.47	ng		99
47) 2-Chloronaphthalene	9.410	162	1088323	51.23	ng		95
48) 2-Nitroaniline	9.498	65	295241	46.20	ng		93
49) Acenaphthylene	9.827	152	1619819	51.57	ng		99
50) Dimethylphthalate	9.680	163	1322536	54.62	ng		98
51) 2,6-Dinitrotoluene	9.739	165	280265	54.11	ng		94
52) Acenaphthene	9.998	154	1095937	53.07	ng		99
53) 3-Nitroaniline	9.904	138	123218	20.25	ng		98
54) 2,4-Dinitrophenol	10.010	184	172072	91.70	ng		92
55) Dibenzofuran	10.169	168	1509926	51.60	ng		98
56) 4-Nitrophenol	10.063	139	434010	94.16	ng		95
57) 2,4-Dinitrotoluene	10.145	165	357173	53.92	ng		94
58) Fluorene	10.516	166	1163915	48.98	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	316936	50.16	ng		98
60) Diethylphthalate	10.386	149	1186807	49.02	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	574384	49.92	ng		93
62) 4-Nitroaniline	10.521	138	226758	37.95	ng		95
63) Azobenzene	10.663	77	1128640	47.31	ng		98
65) 4,6-Dinitro-2-methylph...	10.551	198	127609	52.45	ng		99
66) n-Nitrosodiphenylamine	10.621	169	1011436	55.87	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	358177	55.13	ng	#	91
68) Hexachlorobenzene	11.063	284	369485	52.94	ng		98
69) Atrazine	11.145	200	274221	47.30	ng		99
70) Pentachlorophenol	11.251	266	438017	103.68	ng		99
71) Phenanthrene	11.480	178	1690571	55.51	ng		98
72) Anthracene	11.533	178	1642762	54.40	ng		99
73) Carbazole	11.680	167	1411516	50.39	ng		99
74) Di-n-butylphthalate	12.015	149	1641909	49.06	ng		99
75) Fluoranthene	12.674	202	1813480	55.95	ng		98
77) Benzidine	12.786	184	653675	50.95	ng		99
78) Pyrene	12.904	202	1858393	53.20	ng		99
80) Butylbenzylphthalate	13.521	149	666050	43.77	ng		98
81) Benzo(a)anthracene	14.092	228	1658624	55.00	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	426646	42.56	ng	#	98
83) Chrysene	14.133	228	1605481	55.23	ng		96
84) Bis(2-ethylhexyl)phtha...	14.086	149	911869	45.63	ng		96
85) Di-n-octyl phthalate	14.704	149	1669787	49.36	ng		100
87) Indeno(1,2,3-cd)pyrene	17.121	276	2200666	65.94	ng		98
88) Benzo(b)fluoranthene	15.162	252	1916413	52.80	ng		98
89) Benzo(k)fluoranthene	15.192	252	1726434	51.65	ng		98
90) Benzo(a)pyrene	15.539	252	1739557	54.54	ng		98
91) Dibenzo(a,h)anthracene	17.145	278	1750861	63.96	ng		98
92) Benzo(g,h,i)perylene	17.580	276	1839548	70.58	ng		98

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

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