Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124634.D
Acq On : 20 Jul 2021 18:29
Operator : JU/CG
Sample : M3076-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

Manual Integrations APPROVED
mohammad
7/21/2021 11:42:16 AM

Quant Time: Jul 20 18:51:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	6501	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	26078	20.000	ng	#	0.00
39) Acenaphthene-d10	9.945	164	13623	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	22973	20.000	ng		0.00
76) Chrysene-d12	14.074	240	12278	20.000	ng		0.00
86) Perylene-d12	15.556	264	12560	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	37715	100.514	ng		0.00
7) Phenol-d6	6.528	99	44418	97.310	ng		0.00
23) Nitrobenzene-d5	7.469	82	26889	65.090	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	10868	102.517	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	58694	62.828	ng		0.00
79) Terphenyl-d14	13.015	244	44281	60.561	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	5688	45.412	ng	#	100
3) Pyridine	3.522	79	11743	37.306	ng		92
4) n-Nitrosodimethylamine	3.487	42	11830	46.238	ng		97
6) Aniline	6.563	93	21154	43.984	ng		99
8) 2-Chlorophenol	6.686	128	18735	44.537	ng		95
9) Benzaldehyde	6.457	77	10265	38.332	ng	#	80
10) Phenol	6.539	94	20027	44.939	ng		96
11) bis(2-Chloroethyl)ether	6.639	93	15951	46.168	ng		97
12) 1,3-Dichlorobenzene	6.845	146	20865	45.318	ng		94
13) 1,4-Dichlorobenzene	6.922	146	20602	43.809	ng		95
14) 1,2-Dichlorobenzene	7.075	146	20218	45.239	ng		98
15) Benzyl Alcohol	7.045	79	14004	44.339	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	27228	45.723	ng		97
17) 2-Methylphenol	7.151	107	14234	46.228	ng		93
18) Hexachloroethane	7.416	117	8065	45.542	ng		98
19) n-Nitroso-di-n-propyla...	7.316	70	11147	43.436	ng		98
20) 3+4-Methylphenols	7.304	107	18562	45.788	ng		96
22) Acetophenone	7.316	105	25486	43.063	ng		99
24) Nitrobenzene	7.486	77	17175	41.929	ng		97
25) Isophorone	7.728	82	29457	38.843	ng		95
26) 2-Nitrophenol	7.804	139	10530	47.655	ng		95
27) 2,4-Dimethylphenol	7.833	122	17824	48.680	ng		98
28) bis(2-Chloroethoxy)met...	7.933	93	19760	44.669	ng		97
29) 2,4-Dichlorophenol	8.039	162	15816	41.878	ng		94
30) 1,2,4-Trichlorobenzene	8.128	180	17475	41.812	ng		99
31) Naphthalene	8.210	128	55558	41.191	ng		98
32) Benzoic acid	7.957	122	11979	43.615	ng		93
33) 4-Chloroaniline	8.257	127	13702	26.883	ng		98
34) Hexachlorobutadiene	8.328	225	9626	40.804	ng		97
35) Caprolactam	8.628	113	4477m	46.866	ng		
36) 4-Chloro-3-methylphenol	8.733	107	16219	43.429	ng		97
37) 2-Methylnaphthalene	8.904	142	37233	40.908	ng		99
38) 1-Methylnaphthalene	9.004	142	34116	39.912	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	16555	45.563	ng		95
41) Hexachlorocyclopentadiene	9.057	237	21687	95.550	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	11363	43.319	ng		95

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44) 2,4,5-Trichlorophenol	9.216	196	12057	44.567	ng		95
46) 1,1'-Biphenyl	9.369	154	42886	41.449	ng		100
47) 2-Chloronaphthalene	9.392	162	34758	42.847	ng		99
48) 2-Nitroaniline	9.486	65	9863	50.560	ng		92
49) Acenaphthylene	9.810	152	55396	43.760	ng		98
50) Dimethylphthalate	9.669	163	39694	41.880	ng		96
51) 2,6-Dinitrotoluene	9.727	165	8966	47.985	ng		91
52) Acenaphthene	9.980	154	37991	46.935	ng		97
53) 3-Nitroaniline	9.898	138	6771	32.474	ng		95
54) 2,4-Dinitrophenol	10.004	184	9650	98.976	ng		83
55) Dibenzofuran	10.157	168	50033	42.040	ng		96
56) 4-Nitrophenol	10.051	139	15386	88.662	ng		97
57) 2,4-Dinitrotoluene	10.133	165	11603	45.359	ng	#	89
58) Fluorene	10.498	166	37387	40.613	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.269	232	9295	44.487	ng	#	96
60) Diethylphthalate	10.369	149	40369	40.735	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	17537	41.970	ng		97
62) 4-Nitroaniline	10.516	138	8710	41.449	ng		85
63) Azobenzene	10.651	77	34393	39.703	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	5707	43.488	ng		83
66) n-Nitrosodiphenylamine	10.604	169	31981	42.753	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	10272	43.241	ng		92
68) Hexachlorobenzene	11.045	284	11147	45.800	ng	#	89
69) Atrazine	11.133	200	9785	42.711	ng		93
70) Pentachlorophenol	11.233	266	12966	84.224	ng		91
71) Phenanthrene	11.463	178	52596	41.965	ng		99
72) Anthracene	11.510	178	53127	42.253	ng		98
73) Carbazole	11.663	167	44379	38.197	ng		99
74) Di-n-butylphthalate	11.992	149	58304	37.253	ng		99
75) Fluoranthene	12.645	202	45978	36.360	ng		99
77) Benzidine	12.768	184	21355	46.525	ng		98
78) Pyrene	12.880	202	45063	44.176	ng		98
80) Butylbenzylphthalate	13.492	149	19169	38.865	ng		96
81) Benzo(a)anthracene	14.062	228	34526	42.401	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	10605	49.720	ng		98
83) Chrysene	14.098	228	33475	42.914	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	25368	38.309	ng		97
85) Di-n-octyl phthalate	14.662	149	43260	45.147	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	38806	53.274	ng		96
88) Benzo(b)fluoranthene	15.121	252	36908	40.940	ng		97
89) Benzo(k)fluoranthene	15.157	252	32306	39.056	ng		99
90) Benzo(a)pyrene	15.498	252	34195	45.951	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	33078	53.350	ng		98
92) Benzo(g,h,i)perylene	17.521	276	32965	54.456	ng		92

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

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