Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124618.D
Acq On : 19 Jul 2021 17:36
Operator : JU/CG
Sample : M3076-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MS

Manual Integrations APPROVED
mohammad
7/20/2021 11:37:54 AM

Quant Time: Jul 19 17:58:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 11:33:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	7342	20.00	ng		0.00
21) Naphthalene-d8	8.198	136	29571	20.00	ng	#	0.00
39) Acenaphthene-d10	9.963	164	16126	20.00	ng		0.00
64) Phenanthrene-d10	11.445	188	27103	20.00	ng		0.00
76) Chrysene-d12	14.092	240	14636	20.00	ng	#	0.00
86) Perylene-d12	15.580	264	13064	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	47100	111.15	ng		0.00
7) Phenol-d6	6.540	99	54565	105.85	ng		0.00
23) Nitrobenzene-d5	7.481	82	33572	71.67	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	13783	109.83	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	76015	68.74	ng		0.00
79) Terphenyl-d14	13.033	244	64051	73.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	6857	48.52	ng	#	100
3) Pyridine	3.546	79	14054	39.53	ng		91
4) n-Nitrosodimethylamine	3.504	42	13879	48.03	ng	#	96
6) Aniline	6.581	93	25157	46.32	ng		96
8) 2-Chlorophenol	6.698	128	23224	48.88	ng		95
9) Benzaldehyde	6.463	77	12566	41.55	ng		95
10) Phenol	6.551	94	25032	49.74	ng		99
11) bis(2-Chloroethyl)ether	6.651	93	20174	51.70	ng		98
12) 1,3-Dichlorobenzene	6.857	146	25415	48.88	ng		95
13) 1,4-Dichlorobenzene	6.934	146	25646	48.29	ng		98
14) 1,2-Dichlorobenzene	7.087	146	24377	48.30	ng		98
15) Benzyl Alcohol	7.057	79	16635	46.64	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.192	45	34354	51.08	ng		97
17) 2-Methylphenol	7.163	107	17233	49.56	ng		97
18) Hexachloroethane	7.428	117	10068	50.34	ng		97
19) n-Nitroso-di-n-propyla...	7.334	70	14602	50.38	ng	#	97
20) 3+4-Methylphenols	7.316	107	23047	50.34	ng		93
22) Acetophenone	7.328	105	31916	47.56	ng		99
24) Nitrobenzene	7.498	77	21706	46.73	ng		98
25) Isophorone	7.739	82	37979	44.17	ng		95
26) 2-Nitrophenol	7.816	139	12806	51.11	ng		96
27) 2,4-Dimethylphenol	7.845	122	22344	53.82	ng		93
28) bis(2-Chloroethoxy)met...	7.951	93	25077	49.99	ng		99
29) 2,4-Dichlorophenol	8.051	162	19694	45.99	ng		94
30) 1,2,4-Trichlorobenzene	8.139	180	21165	44.66	ng		96
31) Naphthalene	8.222	128	70417	46.04	ng		98
32) Benzoic acid	7.981	122	14847	47.18	ng		96
33) 4-Chloroaniline	8.269	127	14100	24.40	ng		97
34) Hexachlorobutadiene	8.339	225	12624	47.19	ng		95
35) Caprolactam	8.645	113	6074m	56.07	ng		
36) 4-Chloro-3-methylphenol	8.751	107	19666	46.44	ng		97
37) 2-Methylnaphthalene	8.916	142	47949	46.46	ng		99
38) 1-Methylnaphthalene	9.016	142	42672	44.02	ng		100
40) 1,2,4,5-Tetrachloroben...	9.081	216	21033	48.90	ng	#	96
41) Hexachlorocyclopentadiene	9.069	237	29836	111.05	ng		100
43) 2,4,6-Trichlorophenol	9.186	196	14839	47.79	ng		98

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44) 2,4,5-Trichlorophenol	9.228	196	14943	46.66	ng		98
46) 1,1'-Biphenyl	9.381	154	56167	45.86	ng		98
47) 2-Chloronaphthalene	9.404	162	44850	46.71	ng		97
48) 2-Nitroaniline	9.498	65	11824	51.20	ng		94
49) Acenaphthylene	9.822	152	70923	47.33	ng		98
50) Dimethylphthalate	9.686	163	53330	47.53	ng		99
51) 2,6-Dinitrotoluene	9.745	165	11133	50.33	ng		97
52) Acenaphthene	9.998	154	50981	53.21	ng		96
53) 3-Nitroaniline	9.910	138	7076	28.67	ng		99
54) 2,4-Dinitrophenol	10.016	184	13050	113.07	ng		95
55) Dibenzofuran	10.169	168	64041	45.46	ng		98
56) 4-Nitrophenol	10.069	139	19282	93.87	ng		91
57) 2,4-Dinitrotoluene	10.151	165	15733	51.96	ng	#	77
58) Fluorene	10.510	166	50187	46.06	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	12245	49.51	ng	#	94
60) Diethylphthalate	10.386	149	56498	48.16	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	23901	48.32	ng		87
62) 4-Nitroaniline	10.533	138	10940	43.98	ng		83
63) Azobenzene	10.663	77	46224	45.08	ng		98
65) 4,6-Dinitro-2-methylph...	10.557	198	7796	50.35	ng	#	78
66) n-Nitrosodiphenylamine	10.622	169	42563	48.23	ng		96
67) 4-Bromophenyl-phenylether	10.992	248	13688	48.84	ng	#	85
68) Hexachlorobenzene	11.057	284	14595	50.83	ng		92
69) Atrazine	11.145	200	12671	46.88	ng		91
70) Pentachlorophenol	11.251	266	17865	98.36	ng		97
71) Phenanthrene	11.475	178	67866	45.90	ng		98
72) Anthracene	11.527	178	71061	47.90	ng		98
73) Carbazole	11.680	167	59356	43.30	ng		98
74) Di-n-butylphthalate	12.010	149	90592	49.06	ng		99
75) Fluoranthene	12.663	202	63387	42.49	ng		99
77) Benzidine	12.780	184	31444	57.47	ng		95
78) Pyrene	12.892	202	62070	51.04	ng		99
80) Butylbenzylphthalate	13.510	149	29367	49.95	ng		94
81) Benzo(a)anthracene	14.080	228	44706	46.06	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	11824	46.50	ng	#	98
83) Chrysene	14.116	228	43452	46.73	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	42307	53.60	ng		97
85) Di-n-octyl phthalate	14.680	149	66194	57.95	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	44244	58.40	ng		97
88) Benzo(b)fluoranthene	15.145	252	41923m	44.71	ng		
89) Benzo(k)fluoranthene	15.174	252	37398	43.47	ng		97
90) Benzo(a)pyrene	15.521	252	38831	50.17	ng		96
91) Dibenzo(a,h)anthracene	17.115	278	38559	59.79	ng		97
92) Benzo(g,h,i)perylene	17.557	276	38474	61.11	ng	#	87

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

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