Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124619.D
Acq On : 19 Jul 2021 18:09
Operator : JU/CG
Sample : M3076-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210578-COM-1MSD

Manual Integrations APPROVED
mohammad
7/20/2021 11:37:57 AM

Quant Time: Jul 20 02:04:19 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	7766	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	30521	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	17107	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	29103	20.00	ng	# 0.00
76) Chrysene-d12	14.092	240	14901	20.00	ng	# 0.00
86) Perylene-d12	15.580	264	13697	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	48276	107.70	ng	0.00
7) Phenol-d6	6.539	99	57715	105.85	ng	0.00
23) Nitrobenzene-d5	7.481	82	35133	72.67	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	15387	115.58	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	80787	68.86	ng	0.00
79) Terphenyl-d14	13.033	244	68783	77.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	6689	44.69	ng	# 100
3) Pyridine	3.546	79	14868	39.54	ng	95
4) n-Nitrosodimethylamine	3.510	42	14238	46.59	ng	# 96
6) Aniline	6.581	93	26398	45.95	ng	99
8) 2-Chlorophenol	6.698	128	24167	48.09	ng	98
9) Benzaldehyde	6.469	77	13147	41.10	ng	# 84
10) Phenol	6.557	94	25410	47.73	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	20751	50.28	ng	99
12) 1,3-Dichlorobenzene	6.857	146	26297	47.81	ng	94
13) 1,4-Dichlorobenzene	6.934	146	26492	47.16	ng	99
14) 1,2-Dichlorobenzene	7.087	146	24880	46.60	ng	96
15) Benzyl Alcohol	7.057	79	17545	46.50	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.192	45	36185	50.87	ng	99
17) 2-Methylphenol	7.163	107	18541	50.41	ng	95
18) Hexachloroethane	7.428	117	10110	47.79	ng	87
19) n-Nitroso-di-n-propyla...	7.334	70	15483	50.50	ng	98
20) 3+4-Methylphenols	7.316	107	23727	48.99	ng	94
22) Acetophenone	7.328	105	33830	48.84	ng	96
24) Nitrobenzene	7.498	77	21914	45.71	ng	99
25) Isophorone	7.739	82	40188	45.28	ng	97
26) 2-Nitrophenol	7.816	139	13082	50.59	ng	93
27) 2,4-Dimethylphenol	7.851	122	23034	53.75	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	26724	51.62	ng	97
29) 2,4-Dichlorophenol	8.057	162	20881	47.24	ng	99
30) 1,2,4-Trichlorobenzene	8.139	180	23017	47.05	ng	100
31) Naphthalene	8.222	128	73752	46.72	ng	98
32) Benzoic acid	7.981	122	16427	50.20	ng	97
33) 4-Chloroaniline	8.269	127	15937	26.72	ng	99
34) Hexachlorobutadiene	8.339	225	13213	47.86	ng	97
35) Caprolactam	8.651	113	6388m	57.14	ng	
36) 4-Chloro-3-methylphenol	8.751	107	20604	47.14	ng	99
37) 2-Methylnaphthalene	8.916	142	50613	47.51	ng	95
38) 1-Methylnaphthalene	9.016	142	46364	46.34	ng	96
40) 1,2,4,5-Tetrachloroben...	9.080	216	21758	47.69	ng	96
41) Hexachlorocyclopentadiene	9.069	237	30181	105.89	ng	92
43) 2,4,6-Trichlorophenol	9.192	196	15492	47.03	ng	89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	16647	49.00	ng		91
46) 1,1'-Biphenyl	9.380	154	58767	45.23	ng		99
47) 2-Chloronaphthalene	9.404	162	46440	45.59	ng		96
48) 2-Nitroaniline	9.498	65	12215	49.86	ng		96
49) Acenaphthylene	9.828	152	75001	47.18	ng		99
50) Dimethylphthalate	9.686	163	55529	46.65	ng		98
51) 2,6-Dinitrotoluene	9.745	165	12165	51.85	ng		97
52) Acenaphthene	9.998	154	51495	50.66	ng		98
53) 3-Nitroaniline	9.910	138	7933	30.30	ng		94
54) 2,4-Dinitrophenol	10.022	184	14376	117.42	ng	#	78
55) Dibenzofuran	10.169	168	67436	45.12	ng		99
56) 4-Nitrophenol	10.075	139	20416	93.69	ng		98
57) 2,4-Dinitrotoluene	10.151	165	16824	52.38	ng	#	81
58) Fluorene	10.510	166	52953	45.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	12553	47.84	ng	#	98
60) Diethylphthalate	10.386	149	59567	47.87	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	25477	48.55	ng		89
62) 4-Nitroaniline	10.533	138	11682	44.27	ng		94
63) Azobenzene	10.663	77	49862	45.84	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	7736	46.53	ng		87
66) n-Nitrosodiphenylamine	10.622	169	43991	46.42	ng		93
67) 4-Bromophenyl-phenylether	10.992	248	15027	49.93	ng		92
68) Hexachlorobenzene	11.057	284	15541	50.40	ng		97
69) Atrazine	11.151	200	14052	48.42	ng		91
70) Pentachlorophenol	11.251	266	19277	98.84	ng		96
71) Phenanthrene	11.474	178	73782	46.47	ng		99
72) Anthracene	11.527	178	74029	46.47	ng		100
73) Carbazole	11.680	167	62234	42.28	ng		99
74) Di-n-butylphthalate	12.010	149	94339	47.58	ng		99
75) Fluoranthene	12.663	202	67564	42.18	ng		99
77) Benzidine	12.786	184	33277	59.74	ng		99
78) Pyrene	12.892	202	65943	53.27	ng		98
80) Butylbenzylphthalate	13.510	149	31179	52.09	ng		93
81) Benzo(a)anthracene	14.080	228	46177	46.73	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	12821	49.53	ng		96
83) Chrysene	14.115	228	44945	47.48	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	44542	55.42	ng		100
85) Di-n-octyl phthalate	14.680	149	67735	58.25	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	46287	58.27	ng		99
88) Benzo(b)fluoranthene	15.139	252	41741	42.46	ng		96
89) Benzo(k)fluoranthene	15.174	252	39552	43.85	ng	#	97
90) Benzo(a)pyrene	15.521	252	38686	47.67	ng		100
91) Dibenzo(a,h)anthracene	17.115	278	38468	56.89	ng		97
92) Benzo(g,h,i)perylene	17.562	276	38872	58.88	ng	#	90

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

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