Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124801.D
Acq On : 27 Jul 2021 19:17
Operator : JU/CG
Sample : M3200-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GS-2MSD

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:40 AM

Quant Time: Jul 28 03:07:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5687	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	22558	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	13742	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	26700	20.000	ng	0.00
76) Chrysene-d12	14.045	240	17863	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	14033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	37253	110.911	ng	0.01
7) Phenol-d6	6.504	99	45810	108.792	ng	0.00
23) Nitrobenzene-d5	7.439	82	30260	79.839	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	15283	129.530	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	66210	70.765	ng	0.00
79) Terphenyl-d14	12.986	244	87806	84.259	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	5318	45.295	ng	# 100
3) Pyridine	3.434	79	11292	40.628	ng	93
4) n-Nitrosodimethylamine	3.393	42	10699	48.677	ng	# 95
6) Aniline	6.534	93	22191	51.279	ng	97
8) 2-Chlorophenol	6.657	128	18514	48.870	ng	92
9) Benzaldehyde	6.422	77	10722	47.294	ng	98
10) Phenol	6.516	94	21769	53.986	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	16891	52.831	ng	99
12) 1,3-Dichlorobenzene	6.816	146	20356	49.438	ng	92
13) 1,4-Dichlorobenzene	6.892	146	19822	48.121	ng	97
14) 1,2-Dichlorobenzene	7.045	146	18879	47.435	ng	95
15) Benzyl Alcohol	7.016	79	15247	55.063	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	27449	51.009	ng	96
17) 2-Methylphenol	7.122	107	14471	52.433	ng	97
18) Hexachloroethane	7.386	117	7867	50.388	ng	# 86
19) n-Nitroso-di-n-propyla...	7.287	70	12732	56.625	ng	95
20) 3+4-Methylphenols	7.275	107	18973	52.032	ng	90
22) Acetophenone	7.287	105	26708	51.091	ng	# 97
24) Nitrobenzene	7.457	77	18841	50.704	ng	95
25) Isophorone	7.698	82	33359	49.776	ng	94
26) 2-Nitrophenol	7.769	139	10625	51.625	ng	# 88
27) 2,4-Dimethylphenol	7.804	122	17248	54.464	ng	87
28) bis(2-Chloroethoxy)met...	7.904	93	21908	56.253	ng	99
29) 2,4-Dichlorophenol	8.010	162	16775	50.016	ng	92
30) 1,2,4-Trichlorobenzene	8.098	180	17977	48.904	ng	97
31) Naphthalene	8.181	128	55864	47.454	ng	97
32) Benzoic acid	7.939	122	11336	46.247	ng	99
33) 4-Chloroaniline	8.222	127	14664	33.126	ng	# 93
34) Hexachlorobutadiene	8.292	225	10794	49.123	ng	93
35) Caprolactam	8.604	113	5839m	66.982	ng	
36) 4-Chloro-3-methylphenol	8.704	107	17857	55.819	ng	92
37) 2-Methylnaphthalene	8.869	142	37871	48.146	ng	98
38) 1-Methylnaphthalene	8.969	142	35334	47.418	ng	98
40) 1,2,4,5-Tetrachloroben...	9.033	216	17508	45.662	ng	98
41) Hexachlorocyclopentadiene	9.022	237	24742	109.070	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	13114	48.180	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	13532	48.419	ng		98
46) 1,1'-Biphenyl	9.333	154	46501	45.333	ng		98
47) 2-Chloronaphthalene	9.357	162	37932	46.713	ng		98
48) 2-Nitroaniline	9.457	65	11992	56.400	ng		100
49) Acenaphthylene	9.775	152	60110	48.001	ng		99
50) Dimethylphthalate	9.639	163	48922	51.702	ng	#	99
51) 2,6-Dinitrotoluene	9.698	165	10307	49.305	ng		90
52) Acenaphthene	9.951	154	35635	42.927	ng		94
53) 3-Nitroaniline	9.869	138	8681	39.473	ng		87
54) 2,4-Dinitrophenol	9.980	184	12892	106.651	ng	#	75
55) Dibenzofuran	10.122	168	55193	46.528	ng		100
56) 4-Nitrophenol	10.033	139	17961	103.419	ng	#	85
57) 2,4-Dinitrotoluene	10.104	165	14934	52.644	ng	#	91
58) Fluorene	10.463	166	44553	48.960	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	11605	52.578	ng	#	93
60) Diethylphthalate	10.339	149	52547	53.404	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	22078	50.188	ng		97
62) 4-Nitroaniline	10.486	138	11426	52.506	ng		94
63) Azobenzene	10.616	77	45750	52.556	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	7884	45.595	ng		98
66) n-Nitrosodiphenylamine	10.575	169	39197	45.302	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	13666	48.261	ng		87
68) Hexachlorobenzene	11.010	284	14774	50.237	ng		96
69) Atrazine	11.104	200	14368	54.618	ng		93
70) Pentachlorophenol	11.204	266	17527	95.843	ng		93
71) Phenanthrene	11.427	178	67891	47.276	ng		99
72) Anthracene	11.480	178	71003	49.458	ng		99
73) Carbazole	11.633	167	61682	45.836	ng		99
74) Di-n-butylphthalate	11.963	149	96208	53.674	ng		98
75) Fluoranthene	12.616	202	71665	48.904	ng		98
77) Benzidine	12.733	184	37399	74.246	ng		98
78) Pyrene	12.845	202	71430	50.510	ng		97
80) Butylbenzylphthalate	13.457	149	37986	56.082	ng		94
81) Benzo(a)anthracene	14.033	228	54423	46.609	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	13743	42.410	ng		98
83) Chrysene	14.068	228	53586	47.635	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	61020	61.162	ng		97
85) Di-n-octyl phthalate	14.627	149	90146	55.681	ng		100
87) Indeno(1,2,3-cd)pyrene	17.004	276	46173	56.992	ng		95
88) Benzo(b)fluoranthene	15.086	252	47368	47.942	ng		97
89) Benzo(k)fluoranthene	15.115	252	42691	47.289	ng		98
90) Benzo(a)pyrene	15.451	252	42663	51.690	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	39159	55.213	ng		96
92) Benzo(g,h,i)perylene	17.456	276	37919	56.380	ng	#	92

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

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