Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049156.D
Acq On : 1 Jul 2021 16:40
Operator : CG/JU
Sample : M2901-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124035MSD

Manual Integrations APPROVED
mohammad
7/2/2021 12:01:35 PM

Quant Time: Jul 01 18:12:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 15:39:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152	38807	20.000	ng		0.00
21) Naphthalene-d8	10.913	136	161212	20.000	ng	#	0.00
39) Acenaphthene-d10	14.732	164	115823	20.000	ng		0.00
64) Phenanthrene-d10	17.488	188	246037	20.000	ng	#	0.00
76) Chrysene-d12	21.771	240	241266	20.000	ng		0.00
86) Perylene-d12	25.079	264	263037	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.649	112	353825	142.806	ng		0.00
7) Phenol-d6	7.247	99	468000	132.487	ng		0.00
23) Nitrobenzene-d5	9.262	82	325316	85.556	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	261987	130.482	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	704335	82.044	ng		0.00
79) Terphenyl-d14	20.091	244	1113732	78.222	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	37936	34.875	ng	#	80
3) Pyridine	3.921	79	92112	31.318	ng		90
4) n-Nitrosodimethylamine	3.833	42	73476	43.985	ng	#	76
6) Aniline	7.411	93	145085	33.736	ng	#	89
8) 2-Chlorophenol	7.652	128	128768	47.369	ng		92
9) Benzaldehyde	7.223	77	89839	48.353	ng		88
10) Phenol	7.276	94	168382	47.451	ng		92
11) bis(2-Chloroethyl)ether	7.505	93	115066	44.456	ng		84
12) 1,3-Dichlorobenzene	7.981	146	131541	43.264	ng		97
13) 1,4-Dichlorobenzene	8.128	146	133645	43.712	ng		96
14) 1,2-Dichlorobenzene	8.445	146	127305	43.249	ng		92
15) Benzyl Alcohol	8.328	79	142950	45.956	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.616	45	191672	43.622	ng		86
17) 2-Methylphenol	8.534	107	113072	47.287	ng		97
18) Hexachloroethane	9.180	117	53840	44.099	ng		98
19) n-Nitroso-di-n-propyla...	8.898	70	105354	41.500	ng		98
20) 3+4-Methylphenols	8.863	107	152919	46.130	ng		97
22) Acetophenone	8.921	105	207940	43.241	ng	#	96
24) Nitrobenzene	9.303	77	168777	40.965	ng		100
25) Isophorone	9.832	82	280636	38.423	ng		99
26) 2-Nitrophenol	10.020	139	73297	44.687	ng		97
27) 2,4-Dimethylphenol	10.073	122	123450	50.164	ng		96
28) bis(2-Chloroethoxy)met...	10.308	93	158288	45.958	ng		94
29) 2,4-Dichlorophenol	10.561	162	131090	44.419	ng		96
30) 1,2,4-Trichlorobenzene	10.772	180	145021	41.726	ng		97
31) Naphthalene	10.966	128	386413	41.168	ng		99
32) Benzoic acid	10.238	122	81498	41.919	ng	#	57
33) 4-Chloroaniline	11.066	127	66206	17.058	ng		96
34) Hexachlorobutadiene	11.248	225	105426	41.057	ng		97
35) Caprolactam	11.853	113	41354m	44.150	ng		
36) 4-Chloro-3-methylphenol	12.188	107	146188	43.049	ng	#	95
37) 2-Methylnaphthalene	12.564	142	296504	41.948	ng		96
38) 1-Methylnaphthalene	12.787	142	272038	40.639	ng		91
40) 1,2,4,5-Tetrachloroben...	12.934	216	171084	42.340	ng		97
41) Hexachlorocyclopentadiene	12.911	237	250037	104.466	ng		95
43) 2,4,6-Trichlorophenol	13.169	196	122120	43.767	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	132036	43.272	ng		89
46) 1,1'-Biphenyl	13.569	154	373879	43.211	ng		99
47) 2-Chloronaphthalene	13.616	162	296559	41.652	ng		98
48) 2-Nitroaniline	13.810	65	113108	43.568	ng		96
49) Acenaphthylene	14.462	152	472347	42.080	ng		96
50) Dimethylphthalate	14.186	163	394609	42.452	ng		98
51) 2,6-Dinitrotoluene	14.303	165	88120	41.354	ng		92
52) Acenaphthene	14.803	154	290893	41.581	ng		95
53) 3-Nitroaniline	14.632	138	47845	23.375	ng		88
54) 2,4-Dinitrophenol	14.844	184	112207	76.899	ng		92
55) Dibenzofuran	15.132	168	460134	40.402	ng		98
56) 4-Nitrophenol	14.950	139	141253	84.684	ng		94
57) 2,4-Dinitrotoluene	15.097	165	123275	40.727	ng		93
58) Fluorene	15.784	166	383096	40.671	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.361	232	122517	43.134	ng		97
60) Diethylphthalate	15.549	149	410616	41.689	ng		95
61) 4-Chlorophenyl-phenyle...	15.772	204	219223	42.049	ng		97
62) 4-Nitroaniline	15.802	138	82405	38.755	ng		86
63) Azobenzene	16.066	77	405087	40.795	ng		89
65) 4,6-Dinitro-2-methylph...	15.854	198	71105	40.458	ng		87
66) n-Nitrosodiphenylamine	15.990	169	332966	43.271	ng		98
67) 4-Bromophenyl-phenylether	16.671	248	146424	44.114	ng	#	91
68) Hexachlorobenzene	16.789	284	163393	44.527	ng		97
69) Atrazine	16.936	200	142104	55.609	ng		99
70) Pentachlorophenol	17.135	266	199030	93.180	ng		98
71) Phenanthrene	17.529	178	613254	43.285	ng		98
72) Anthracene	17.617	178	619421	43.857	ng		98
73) Carbazole	17.887	167	547104	40.630	ng		98
74) Di-n-butylphthalate	18.440	149	664213	42.901	ng		98
75) Fluoranthene	19.532	202	746366	42.080	ng		99
77) Benzidine	19.709	184	342200	66.032	ng		98
78) Pyrene	19.897	202	740973	41.349	ng		97
80) Butylbenzylphthalate	20.778	149	293186	43.185	ng		93
81) Benzo(a)anthracene	21.753	228	755516	41.984	ng		99
82) 3,3'-Dichlorobenzidine	21.665	252	163406	26.692	ng		99
83) Chrysene	21.818	228	724926	42.404	ng		98
84) Bis(2-ethylhexyl)phtha...	21.648	149	425908	44.415	ng		97
85) Di-n-octyl phthalate	22.899	149	732455	45.384	ng		97
87) Indeno(1,2,3-cd)pyrene	28.886	276	936678	44.628	ng	#	97
88) Benzo(b)fluoranthene	24.033	252	816107	42.995	ng	#	94
89) Benzo(k)fluoranthene	24.104	252	789986m	43.625	ng		
90) Benzo(a)pyrene	24.932	252	787952	45.000	ng	#	96
91) Dibenzo(a,h)anthracene	28.957	278	783780	44.243	ng	#	96
92) Benzo(g,h,i)perylene	30.073	276	782074	44.785	ng		97

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

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