Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
Data File : BG049149.D
Acq On : 1 Jul 2021 11:45
Operator : CG/JU
Sample : PB137435BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137435BS

Manual Integrations APPROVED
mohammad
7/2/2021 12:01:25 PM

Quant Time: Jul 01 13:40:16 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	8.091	152	32771	20.000	ng	# 0.00
21) Naphthalene-d8	10.911	136	143006	20.000	ng	# 0.00
39) Acenaphthene-d10	14.736	164	107008	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	248925	20.000	ng	# 0.00
76) Chrysene-d12	21.775	240	254800	20.000	ng	0.00
86) Perylene-d12	25.088	264	250228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	278031	132.884	ng	0.00
7) Phenol-d6	7.245	99	371739	124.619	ng	0.00
23) Nitrobenzene-d5	9.260	82	261661	77.576	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	219835	118.508	ng	0.00
45) 2-Fluorobiphenyl	13.361	172	598810	75.498	ng	0.00
79) Terphenyl-d14	20.094	244	1129926	75.144	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.508	88	28322	30.832	ng	# 83
3) Pyridine	3.913	79	73467	29.580	ng	93
4) n-Nitrosodimethylamine	3.825	42	60992	43.237	ng	# 79
6) Aniline	7.409	93	123619	34.039	ng	95
8) 2-Chlorophenol	7.650	128	108497	47.263	ng	92
9) Benzaldehyde	7.221	77	15426m	9.832	ng	
10) Phenol	7.274	94	142349	47.503	ng	93
11) bis(2-Chloroethyl)ether	7.503	93	93477	42.767	ng	83
12) 1,3-Dichlorobenzene	7.979	146	106385	41.435	ng	98
13) 1,4-Dichlorobenzene	8.126	146	108559	42.047	ng	96
14) 1,2-Dichlorobenzene	8.449	146	106658	42.909	ng	95
15) Benzyl Alcohol	8.326	79	120255	45.780	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.614	45	157826	42.535	ng	83
17) 2-Methylphenol	8.531	107	94592	46.845	ng	97
18) Hexachloroethane	9.178	117	45154	43.797	ng	90
19) n-Nitroso-di-n-propyla...	8.901	70	91698	42.774	ng	# 97
20) 3+4-Methylphenols	8.860	107	128328	45.842	ng	97
22) Acetophenone	8.919	105	178829	41.922	ng	# 98
24) Nitrobenzene	9.301	77	139208	38.090	ng	95
25) Isophorone	9.830	82	239117	36.906	ng	97
26) 2-Nitrophenol	10.012	139	60177	41.359	ng	96
27) 2,4-Dimethylphenol	10.071	122	103620	47.467	ng	97
28) bis(2-Chloroethoxy)met...	10.306	93	132728	43.443	ng	95
29) 2,4-Dichlorophenol	10.558	162	112034	42.795	ng	92
30) 1,2,4-Trichlorobenzene	10.776	180	121632	39.451	ng	98
31) Naphthalene	10.964	128	324822	39.012	ng	98
32) Benzoic acid	10.223	122	72770	42.154	ng	# 76
33) 4-Chloroaniline	11.064	127	65513	19.029	ng	95
34) Hexachlorobutadiene	11.252	225	86318	37.895	ng	95
35) Caprolactam	11.851	113	35753m	43.030	ng	
36) 4-Chloro-3-methylphenol	12.186	107	129730	43.066	ng	# 90
37) 2-Methylnaphthalene	12.568	142	252498	40.270	ng	99
38) 1-Methylnaphthalene	12.785	142	236410	39.813	ng	96
40) 1,2,4,5-Tetrachloroben...	12.932	216	145596	39.001	ng	97
41) Hexachlorocyclopentadiene	12.914	237	206515	93.390	ng	95
43) 2,4,6-Trichlorophenol	13.167	196	105048	40.750	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.243	196	113267	40.179	ng		88
46) 1,1'-Biphenyl	13.572	154	326630	40.860	ng		97
47) 2-Chloronaphthalene	13.614	162	256434	38.984	ng		98
48) 2-Nitroaniline	13.813	65	99659	41.549	ng		97
49) Acenaphthylene	14.460	152	413038	39.828	ng		96
50) Dimethylphthalate	14.189	163	346502	40.348	ng		98
51) 2,6-Dinitrotoluene	14.307	165	77150	39.188	ng		94
52) Acenaphthene	14.800	154	247734	38.328	ng		95
53) 3-Nitroaniline	14.636	138	51673	27.325	ng		90
54) 2,4-Dinitrophenol	14.842	184	101814	75.617	ng		95
55) Dibenzofuran	15.135	168	404513	38.444	ng		97
56) 4-Nitrophenol	14.947	139	130931	84.962	ng		94
57) 2,4-Dinitrotoluene	15.094	165	115273	41.220	ng	#	93
58) Fluorene	15.788	166	346570	39.825	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.359	232	109278m	41.642	ng		
60) Diethylphthalate	15.547	149	378929	41.641	ng		96
61) 4-Chlorophenyl-phenyle...	15.776	204	192977	40.064	ng		97
62) 4-Nitroaniline	15.805	138	78104	39.758	ng	#	84
63) Azobenzene	16.070	77	358996	39.132	ng		89
65) 4,6-Dinitro-2-methylph...	15.858	198	67515	37.970	ng		96
66) n-Nitrosodiphenylamine	15.987	169	304179	39.072	ng		97
67) 4-Bromophenyl-phenylether	16.669	248	134105	39.933	ng		93
68) Hexachlorobenzene	16.792	284	145009	39.059	ng		98
69) Atrazine	16.939	200	132208	51.136	ng		97
70) Pentachlorophenol	17.133	266	190397	88.104	ng		99
71) Phenanthrene	17.527	178	569620	39.739	ng		98
72) Anthracene	17.621	178	576041	40.312	ng		97
73) Carbazole	17.885	167	531886	39.041	ng		97
74) Di-n-butylphthalate	18.443	149	656227	41.894	ng		98
75) Fluoranthene	19.536	202	730816	40.725	ng		97
77) Benzidine	19.712	184	248691	45.439	ng		97
78) Pyrene	19.894	202	732037	38.681	ng		97
80) Butylbenzylphthalate	20.776	149	290359	40.497	ng		96
81) Benzo(a)anthracene	21.751	228	730802	38.453	ng		100
82) 3,3'-Dichlorobenzidine	21.663	252	201214	31.122	ng		98
83) Chrysene	21.822	228	705214	39.060	ng		96
84) Bis(2-ethylhexyl)phtha...	21.651	149	413870	40.868	ng		97
85) Di-n-octyl phthalate	22.897	149	711051	41.718	ng		99
87) Indeno(1,2,3-cd)pyrene	28.878	276	882779	44.213	ng	#	97
88) Benzo(b)fluoranthene	24.031	252	775655	42.955	ng	#	95
89) Benzo(k)fluoranthene	24.101	252	740621	42.993	ng		99
90) Benzo(a)pyrene	24.936	252	740238	44.439	ng	#	97
91) Dibenzo(a,h)anthracene	28.954	278	738063	43.795	ng	#	94
92) Benzo(g,h,i)perylene	30.083	276	744178	44.796	ng		98

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

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