Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049120.D
Acq On : 28 Jun 2021 15:39
Operator : CG/JU
Sample : M2857-14MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-17-COMPMS

Manual Integrations APPROVED
mohammad
6/29/2021 2:29:19 PM

Quant Time: Jun 29 03:59:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	29097	20.000	ng	# 0.00
21) Naphthalene-d8	10.923	136	116146	20.000	ng	# 0.00
39) Acenaphthene-d10	14.748	164	87745	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	209404	20.000	ng	# 0.00
76) Chrysene-d12	21.781	240	217047	20.000	ng	0.00
86) Perylene-d12	25.095	264	227365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	151994	81.316	ng	0.00
7) Phenol-d6	7.257	99	202286	72.206	ng	0.00
23) Nitrobenzene-d5	9.272	82	139737	51.878	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	130558	100.430	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	316372	50.935	ng	0.00
79) Terphenyl-d14	20.095	244	640676	54.059	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	33416	36.620	ng	# 82
3) Pyridine	3.931	79	83094	33.567	ng	95
4) n-Nitrosodimethylamine	3.849	42	61208	51.633	ng	# 77
6) Aniline	7.421	93	148714	42.152	ng	# 93
8) 2-Chlorophenol	7.668	128	106859	51.868	ng	91
9) Benzaldehyde	7.233	77	77390	53.385	ng	# 83
10) Phenol	7.286	94	143120	49.450	ng	94
11) bis(2-Chloroethyl)ether	7.515	93	97104	45.219	ng	85
12) 1,3-Dichlorobenzene	7.991	146	110608	48.060	ng	100
13) 1,4-Dichlorobenzene	8.138	146	114808	50.036	ng	97
14) 1,2-Dichlorobenzene	8.461	146	110652	50.129	ng	94
15) Benzyl Alcohol	8.338	79	121885	47.505	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.632	45	160654	39.539	ng	88
17) 2-Methylphenol	8.543	107	94340	49.704	ng	97
18) Hexachloroethane	9.196	117	44920	48.800	ng	91
19) n-Nitroso-di-n-propyla...	8.914	70	89614	40.923	ng	# 95
20) 3+4-Methylphenols	8.872	107	128884	49.666	ng	95
22) Acetophenone	8.931	105	176505	49.950	ng	# 96
24) Nitrobenzene	9.313	77	141847	46.750	ng	96
25) Isophorone	9.842	82	238165	40.586	ng	98
26) 2-Nitrophenol	10.030	139	64820	62.981	ng	99
27) 2,4-Dimethylphenol	10.089	122	103587	55.512	ng	93
28) bis(2-Chloroethoxy)met...	10.318	93	132934	48.923	ng	95
29) 2,4-Dichlorophenol	10.570	162	112938	53.948	ng	92
30) 1,2,4-Trichlorobenzene	10.782	180	122340	50.971	ng	98
31) Naphthalene	10.976	128	325495	47.041	ng	99
33) 4-Chloroaniline	11.076	127	116135	39.529	ng	95
34) Hexachlorobutadiene	11.258	225	87561	51.185	ng	93
35) Caprolactam	11.863	113	40955m	67.677	ng	
36) 4-Chloro-3-methylphenol	12.198	107	132160	51.648	ng	# 96
37) 2-Methylnaphthalene	12.580	142	251003	48.026	ng	98
38) 1-Methylnaphthalene	12.797	142	233536	47.595	ng	93
40) 1,2,4,5-Tetrachloroben...	12.944	216	145513	52.226	ng	98
41) Hexachlorocyclopentadiene	12.921	237	218545	122.014	ng	91
43) 2,4,6-Trichlorophenol	13.179	196	116891	62.701	ng	93
44) 2,4,5-Trichlorophenol	13.256	196	123827	64.235	ng	91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.579	154	315902	48.833	ng		99
47) 2-Chloronaphthalene	13.626	162	254912	49.345	ng		96
48) 2-Nitroaniline	13.820	65	102728	52.898	ng		96
49) Acenaphthylene	14.472	152	418689	48.637	ng		97
50) Dimethylphthalate	14.196	163	377267	55.197	ng		100
51) 2,6-Dinitrotoluene	14.319	165	80990	58.186	ng	#	80
52) Acenaphthene	14.813	154	245374m	44.223	ng		
53) 3-Nitroaniline	14.642	138	66081	46.892	ng		90
54) 2,4-Dinitrophenol	14.854	184	1788	2.773	ng	#	74
55) Dibenzofuran	15.142	168	411463	47.707	ng		98
56) 4-Nitrophenol	14.959	139	133668	116.346	ng		93
57) 2,4-Dinitrotoluene	15.100	165	118139	69.099	ng		95
58) Fluorene	15.794	166	352354	49.960	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	126894	65.031	ng		97
60) Diethylphthalate	15.553	149	386026	52.147	ng		95
61) 4-Chlorophenyl-phenyle...	15.782	204	192964	52.325	ng		97
62) 4-Nitroaniline	15.811	138	83958	58.911	ng	#	86
63) Azobenzene	16.076	77	363542	42.921	ng		90
65) 4,6-Dinitro-2-methylph...	15.864	198	5723m	5.763	ng		
66) n-Nitrosodiphenylamine	15.993	169	312400	47.871	ng		96
67) 4-Bromophenyl-phenylether	16.681	248	137757	52.686	ng	#	90
68) Hexachlorobenzene	16.798	284	149339	52.697	ng		97
69) Atrazine	16.945	200	139895	66.786	ng		99
70) Pentachlorophenol	17.145	266	88036	51.691	ng		96
71) Phenanthrene	17.539	178	581212	49.328	ng		97
72) Anthracene	17.627	178	600959	50.757	ng		99
73) Carbazole	17.897	167	555043	48.906	ng		98
74) Di-n-butylphthalate	18.449	149	690863	54.274	ng		98
75) Fluoranthene	19.542	202	754093	53.073	ng		99
77) Benzidine	19.719	184	526871	120.499	ng		96
78) Pyrene	19.907	202	749443	47.572	ng		96
80) Butylbenzylphthalate	20.782	149	301563	50.736	ng		98
81) Benzo(a)anthracene	21.763	228	753680	48.363	ng		99
82) 3,3'-Dichlorobenzidine	21.669	252	209077	41.953	ng		99
83) Chrysene	21.828	228	726224	48.603	ng		98
84) Bis(2-ethylhexyl)phtha...	21.657	149	429757	50.725	ng		95
85) Di-n-octyl phthalate	22.903	149	724488	50.419	ng		97
87) Indeno(1,2,3-cd)pyrene	28.896	276	920129	53.774	ng	#	97
88) Benzo(b)fluoranthene	24.043	252	816059	50.349	ng	#	95
89) Benzo(k)fluoranthene	24.113	252	765599	49.785	ng	#	99
90) Benzo(a)pyrene	24.948	252	787288	53.213	ng		98
91) Dibenzo(a,h)anthracene	28.978	278	776934	54.328	ng		97
92) Benzo(g,h,i)perylene	30.095	276	766764	53.172	ng		98

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

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