Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
Data File : BG049071.D
Acq On : 23 Jun 2021 21:35
Operator : CG/JU
Sample : M2795-07MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B4-0-2MSD

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:25 AM

Quant Time: Jun 24 02:19:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	28768	20.000	ng		0.00
21) Naphthalene-d8	10.929	136	124439	20.000	ng		#-0.01
39) Acenaphthene-d10	14.748	164	99190	20.000	ng		-0.01
64) Phenanthrene-d10	17.498	188	244828	20.000	ng		#-0.01
76) Chrysene-d12	21.787	240	235999	20.000	ng		-0.01
86) Perylene-d12	25.101	264	249588	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	42113	22.788	ng		0.00
7) Phenol-d6	7.257	99	69820	25.207	ng		-0.01
23) Nitrobenzene-d5	9.272	82	53014	18.370	ng		-0.01
42) 2,4,6-Tribromophenol	16.235	330	23082	15.707	ng		-0.01
45) 2-Fluorobiphenyl	13.367	172	124624	17.749	ng		-0.02
79) Terphenyl-d14	20.101	244	246951	19.164	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.532	88	12910	14.309	ng	#	83
3) Pyridine	3.937	79	28177m	11.513	ng		
4) n-Nitrosodimethylamine	3.849	42	23458m	20.015	ng		
6) Aniline	7.421	93	42812	12.273	ng	#	87
8) 2-Chlorophenol	7.668	128	37294	18.309	ng		89
9) Benzaldehyde	7.233	77	30775	21.472	ng		93
10) Phenol	7.280	94	53246	18.608	ng		90
11) bis(2-Chloroethyl)ether	7.515	93	35919	16.918	ng		83
12) 1,3-Dichlorobenzene	7.997	146	39701	17.448	ng		96
13) 1,4-Dichlorobenzene	8.144	146	40057	17.657	ng		99
14) 1,2-Dichlorobenzene	8.461	146	40031	18.343	ng		94
15) Benzyl Alcohol	8.344	79	42806	16.875	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.632	45	60841	15.145	ng		81
17) 2-Methylphenol	8.544	107	35281	18.801	ng		96
18) Hexachloroethane	9.196	117	15969	17.547	ng		93
19) n-Nitroso-di-n-propyla...	8.914	70	33508	15.477	ng	#	93
20) 3+4-Methylphenols	8.873	107	48182	18.779	ng		96
22) Acetophenone	8.931	105	66367	17.530	ng		98
24) Nitrobenzene	9.313	77	52981	16.298	ng	#	90
25) Isophorone	9.836	82	88064	14.007	ng	#	96
26) 2-Nitrophenol	10.030	139	21598	19.587	ng		86
27) 2,4-Dimethylphenol	10.083	122	38733	19.374	ng		96
28) bis(2-Chloroethoxy)met...	10.324	93	48244	16.572	ng	#	90
29) 2,4-Dichlorophenol	10.571	162	40270	17.954	ng		89
30) 1,2,4-Trichlorobenzene	10.788	180	46695	18.158	ng		92
31) Naphthalene	10.976	128	124274	16.763	ng		98
32) Benzoic acid	10.136	122	4282m	3.279	ng		
33) 4-Chloroaniline	11.076	127	35074	11.143	ng		99
34) Hexachlorobutadiene	11.264	225	33076	18.047	ng		95
35) Caprolactam	11.840	113	13970	21.547	ng	#	47
36) 4-Chloro-3-methylphenol	12.198	107	49812	18.169	ng		95
37) 2-Methylnaphthalene	12.580	142	96008	17.146	ng		95
38) 1-Methylnaphthalene	12.797	142	90986	17.307	ng		99
40) 1,2,4,5-Tetrachloroben...	12.944	216	56369	17.897	ng		99
41) Hexachlorocyclopentadiene	12.927	237	75916	37.494	ng		92
43) 2,4,6-Trichlorophenol	13.185	196	39126	18.566	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	45740	20.990	ng	#	85
46) 1,1'-Biphenyl	13.579	154	124293	16.997	ng		99
47) 2-Chloronaphthalene	13.626	162	98783	16.916	ng		100
48) 2-Nitroaniline	13.820	65	39698	21.629	ng		98
49) Acenaphthylene	14.472	152	165883	17.046	ng		96
50) Dimethylphthalate	14.196	163	140340	18.164	ng		99
51) 2,6-Dinitrotoluene	14.313	165	29936	19.025	ng		94
52) Acenaphthene	14.813	154	109654	17.482	ng		94
53) 3-Nitroaniline	14.642	138	23923	15.017	ng		94
54) 2,4-Dinitrophenol	14.848	184	15922	21.845	ng		93
55) Dibenzofuran	15.148	168	165660	16.991	ng		98
56) 4-Nitrophenol	14.954	139	51969	40.015	ng	#	90
57) 2,4-Dinitrotoluene	15.095	165	45008	23.287	ng		97
58) Fluorene	15.794	166	140552	17.629	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	44482	20.166	ng	#	96
60) Diethylphthalate	15.553	149	151253	18.075	ng		98
61) 4-Chlorophenyl-phenyle...	15.782	204	78105	18.736	ng		95
62) 4-Nitroaniline	15.800	138	33404	20.734	ng	#	82
63) Azobenzene	16.076	77	148422	15.501	ng		89
65) 4,6-Dinitro-2-methylph...	15.858	198	20395	17.567	ng		94
66) n-Nitrosodiphenylamine	15.994	169	126032	16.518	ng		96
67) 4-Bromophenyl-phenylether	16.681	248	53129	17.379	ng		92
68) Hexachlorobenzene	16.799	284	60189	18.166	ng		97
69) Atrazine	16.940	200	55482	22.655	ng		97
70) Pentachlorophenol	17.139	266	67474	33.886	ng		99
71) Phenanthrene	17.539	178	243962	17.709	ng		95
72) Anthracene	17.627	178	247851	17.905	ng		96
73) Carbazole	17.897	167	222701	16.784	ng		97
74) Di-n-butylphthalate	18.450	149	268975	18.073	ng		98
75) Fluoranthene	19.542	202	305754	18.405	ng		98
77) Benzidine	19.719	184	166246	34.968	ng		100
78) Pyrene	19.907	202	311104	18.162	ng		98
80) Butylbenzylphthalate	20.788	149	113984	17.637	ng		96
81) Benzo(a)anthracene	21.763	228	303895	17.934	ng		98
82) 3,3'-Dichlorobenzidine	21.675	252	78302	14.450	ng		99
83) Chrysene	21.828	228	288504	17.758	ng		97
84) Bis(2-ethylhexyl)phtha...	21.663	149	165714	17.989	ng		94
85) Di-n-octyl phthalate	22.915	149	284762	18.226	ng		99
87) Indeno(1,2,3-cd)pyrene	28.902	276	361464	19.244	ng	#	97
88) Benzo(b)fluoranthene	24.043	252	318266	17.888	ng	#	97
89) Benzo(k)fluoranthene	24.113	252	303138	17.957	ng	#	99
90) Benzo(a)pyrene	24.942	252	309485	19.056	ng		99
91) Dibenzo(a,h)anthracene	28.967	278	305694	19.473	ng	#	98
92) Benzo(g,h,i)perylene	30.089	276	298767	18.874	ng		99

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

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