Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082521\
Data File : BG049971.D
Acq On : 25 Aug 2021 16:54
Operator : CG/JU
Sample : M3533-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-0824-21MS

Manual Integrations APPROVED
mohammad
8/26/2021 11:38:43 AM

Quant Time: Aug 26 01:02:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.979	152	32403	20.000	ng		# 0.00
21) Naphthalene-d8	10.799	136	134431	20.000	ng		#-0.01
39) Acenaphthene-d10	14.641	164	89394	20.000	ng		0.00
64) Phenanthrene-d10	17.390	188	170113	20.000	ng		#-0.01
76) Chrysene-d12	21.667	240	142107	20.000	ng		-0.01
86) Perylene-d12	24.909	264	150822	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	139154	76.983	ng		0.00
7) Phenol-d6	7.157	99	194761	71.179	ng		0.00
23) Nitrobenzene-d5	9.148	82	135194	44.502	ng		-0.01
42) 2,4,6-Tribromophenol	16.139	330	89822	68.359	ng		0.00
45) 2-Fluorobiphenyl	13.254	172	294822	47.989	ng		0.00
79) Terphenyl-d14	19.998	244	383139	48.967	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.368	88	24572	31.108	ng		97
3) Pyridine	3.779	79	59150	27.318	ng	#	86
4) n-Nitrosodimethylamine	3.697	42	46705	40.115	ng	#	80
6) Aniline	7.298	93	99729	34.390	ng		92
8) 2-Chlorophenol	7.545	128	98502	49.982	ng		99
9) Benzaldehyde	7.110	77	71044	38.912	ng		85
10) Phenol	7.180	94	127281	48.008	ng		90
11) bis(2-Chloroethyl)ether	7.392	93	83528	46.661	ng		89
12) 1,3-Dichlorobenzene	7.868	146	106011	46.968	ng		94
13) 1,4-Dichlorobenzene	8.015	146	106184	46.476	ng		97
14) 1,2-Dichlorobenzene	8.332	146	100682	46.517	ng		94
15) Benzyl Alcohol	8.226	79	106793	46.474	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.502	45	90891	44.685	ng		96
17) 2-Methylphenol	8.437	107	86785	49.709	ng		97
18) Hexachloroethane	9.060	117	42326	48.192	ng		96
19) n-Nitroso-di-n-propyla...	8.790	70	78759	43.013	ng	#	89
20) 3+4-Methylphenols	8.766	107	118589	48.365	ng		97
22) Acetophenone	8.808	105	156291	42.793	ng	#	92
24) Nitrobenzene	9.195	77	129393	40.365	ng		97
25) Isophorone	9.718	82	207563	38.289	ng		95
26) 2-Nitrophenol	9.906	139	55480	45.350	ng		98
27) 2,4-Dimethylphenol	9.977	122	92950	51.407	ng		96
28) bis(2-Chloroethoxy)met...	10.200	93	114714	48.374	ng		94
29) 2,4-Dichlorophenol	10.458	162	102007	45.973	ng		97
30) 1,2,4-Trichlorobenzene	10.664	180	111278	45.548	ng		96
31) Naphthalene	10.852	128	306966	43.601	ng		98
32) Benzoic acid	10.159	122	48301	38.877	ng	#	72
33) 4-Chloroaniline	10.963	127	65380	23.522	ng		97
34) Hexachlorobutadiene	11.128	225	80663	45.434	ng		97
35) Caprolactam	11.757	113	29505m	43.037	ng		
36) 4-Chloro-3-methylphenol	12.103	107	114476	44.665	ng	#	95
37) 2-Methylnaphthalene	12.461	142	233551	44.036	ng		96
38) 1-Methylnaphthalene	12.679	142	216498	43.434	ng		99
40) 1,2,4,5-Tetrachloroben...	12.832	216	130555	49.566	ng		98
41) Hexachlorocyclopentadiene	12.802	237	60136	44.077	ng		90
43) 2,4,6-Trichlorophenol	13.078	196	86442m	48.679	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	89812	46.621	ng		94
46) 1,1'-Biphenyl	13.466	154	282715	44.404	ng		99
47) 2-Chloronaphthalene	13.513	162	235098	46.231	ng		99
48) 2-Nitroaniline	13.724	65	78195	41.876	ng		89
49) Acenaphthylene	14.365	152	356949	44.287	ng		97
50) Dimethylphthalate	14.089	163	290493	43.070	ng		98
51) 2,6-Dinitrotoluene	14.218	165	61452	41.382	ng		91
52) Acenaphthene	14.705	154	208898	43.025	ng		94
53) 3-Nitroaniline	14.553	138	50220	34.678	ng		99
54) 2,4-Dinitrophenol	14.770	184	31044	36.823	ng		91
55) Dibenzofuran	15.040	168	333940	42.396	ng		98
56) 4-Nitrophenol	14.888	139	86286	81.557	ng		92
57) 2,4-Dinitrotoluene	15.011	165	87820	42.105	ng		93
58) Fluorene	15.686	166	270357	42.230	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.275	232	73238	40.932	ng		98
60) Diethylphthalate	15.451	149	287764	42.422	ng		98
61) 4-Chlorophenyl-phenyle...	15.675	204	144870	42.397	ng		95
62) 4-Nitroaniline	15.722	138	55417	37.201	ng		88
63) Azobenzene	15.968	77	276256	38.477	ng		88
65) 4,6-Dinitro-2-methylph...	15.780	198	25453	23.278	ng		85
66) n-Nitrosodiphenylamine	15.892	169	232119	48.291	ng		97
67) 4-Bromophenyl-phenylether	16.573	248	95701	47.768	ng		96
68) Hexachlorobenzene	16.703	284	103182	46.356	ng		96
69) Atrazine	16.844	200	96232	50.050	ng		99
70) Pentachlorophenol	17.049	266	85641	71.753	ng		91
71) Phenanthrene	17.437	178	430411	48.091	ng		96
72) Anthracene	17.525	178	413371	47.029	ng		99
73) Carbazole	17.801	167	359098	43.136	ng		97
74) Di-n-butylphthalate	18.342	149	423842	43.675	ng		99
75) Fluoranthene	19.452	202	547424	49.706	ng		99
77) Benzidine	19.628	184	120089	32.982	ng		98
78) Pyrene	19.810	202	536238	55.350	ng		98
80) Butylbenzylphthalate	20.686	149	167315	45.347	ng		98
81) Benzo(a)anthracene	21.649	228	461686	49.887	ng		98
82) 3,3'-Dichlorobenzidine	21.561	252	112427	41.607	ng		95
83) Chrysene	21.719	228	435978	49.283	ng		98
84) Bis(2-ethylhexyl)phtha...	21.537	149	231584	44.341	ng		95
85) Di-n-octyl phthalate	22.747	149	389322	44.125	ng		100
87) Indeno(1,2,3-cd)pyrene	28.645	276	450605	41.427	ng		99
88) Benzo(b)fluoranthene	23.881	252	492191	49.758	ng	#	94
89) Benzo(k)fluoranthene	23.946	252	428497	46.441	ng	#	99
90) Benzo(a)pyrene	24.762	252	455512	50.885	ng		98
91) Dibenzo(a,h)anthracene	28.686	278	368341	40.187	ng		97
92) Benzo(g,h,i)perylene	29.803	276	341894	38.074	ng	#	95

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

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