Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
Data File : BG057080.D
Acq On : 13 Apr 2023 13:24
Operator : CG/JU
Sample : 02292-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 13 13:59:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
04/14/2023
Supervised By :Jagrut Upadhyay
04/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	15487	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	60764	20.000	ng	# 0.00
39) Acenaphthene-d10	15.018	164	42251	20.000	ng	0.00
64) Phenanthrene-d10	17.755	188	97800	20.000	ng	0.00
76) Chrysene-d12	22.079	240	88830	20.000	ng	# 0.00
86) Perylene-d12	25.615	264	95481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	134282	138.769	ng	0.00
7) Phenol-d6	7.540	99	184630	127.572	ng	0.00
23) Nitrobenzene-d5	9.584	82	115592	77.838	ng	0.00
42) 2,4,6-Tribromophenol	16.504	330	78966	116.991	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	243334	78.096	ng	0.00
79) Terphenyl-d14	20.328	244	412248	78.531	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.721	88	20884	49.232	ng	97
3) Pyridine	4.144	79	57805	42.309	ng	96
4) n-Nitrosodimethylamine	4.050	42	30265	48.180	ng	97
6) Aniline	7.716	93	79794	43.128	ng	100
8) 2-Chlorophenol	7.963	128	53795	55.813	ng	93
9) Benzaldehyde	7.528	77	43612	48.044	ng	96
10) Phenol	7.569	94	79248	55.262	ng	96
11) bis(2-Chloroethyl)ether	7.804	93	52393	51.290	ng	98
12) 1,3-Dichlorobenzene	8.292	146	58785	55.197	ng	97
13) 1,4-Dichlorobenzene	8.444	146	59799	55.633	ng	97
14) 1,2-Dichlorobenzene	8.767	146	55727	53.663	ng	95
15) Benzyl Alcohol	8.638	79	58867	48.951	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.932	45	67918	55.169	ng	98
17) 2-Methylphenol	8.838	107	52255	51.075	ng	89
18) Hexachloroethane	9.508	117	21339	54.316	ng	93
19) n-Nitroso-di-n-propyla...	9.208	70	47963	46.333	ng	97
20) 3+4-Methylphenols	9.167	107	68832	48.113	ng	97
22) Acetophenone	9.231	105	84765	46.881	ng	97
24) Nitrobenzene	9.625	77	72940	48.041	ng	98
25) Isophorone	10.148	82	124861	44.153	ng	99
26) 2-Nitrophenol	10.342	139	29671	50.630	ng	93
27) 2,4-Dimethylphenol	10.383	122	50204	48.520	ng	97
28) bis(2-Chloroethoxy)met...	10.624	93	68070	48.080	ng	95
29) 2,4-Dichlorophenol	10.882	162	55016	49.440	ng	94
30) 1,2,4-Trichlorobenzene	11.105	180	57144	48.330	ng	98
31) Naphthalene	11.299	128	159584	48.183	ng	99
32) Benzoic acid	10.530	122	33067	46.524	ng	93
33) 4-Chloroaniline	11.393	127	51392	34.356	ng	98
34) Hexachlorobutadiene	11.570	225	41374	46.584	ng	96
35) Caprolactam	12.157	113	16647m	43.379	ng	
36) 4-Chloro-3-methylphenol	12.486	107	57521	46.222	ng	96
37) 2-Methylnaphthalene	12.874	142	115349	43.881	ng	96
38) 1-Methylnaphthalene	13.091	142	107167	43.417	ng	99
40) 1,2,4,5-Tetrachloroben...	13.232	216	74954	51.158	ng	97
41) Hexachlorocyclopentadiene	13.208	237	94896	117.554	ng	91
43) 2,4,6-Trichlorophenol	13.467	196	47701	51.019	ng	95

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44) 2,4,5-Trichlorophenol	13.537	196	51060	46.099	ng		96
46) 1,1'-Biphenyl	13.855	154	158448	51.230	ng		98
47) 2-Chloronaphthalene	13.908	162	121630	53.172	ng		96
48) 2-Nitroaniline	14.101	65	41136	50.292	ng		98
49) Acenaphthylene	14.748	152	188463	50.145	ng		99
50) Dimethylphthalate	14.454	163	158346	47.564	ng		98
51) 2,6-Dinitrotoluene	14.583	165	34533	48.011	ng		96
52) Acenaphthene	15.082	154	148816m	57.412	ng		
53) 3-Nitroaniline	14.918	138	26770	37.601	ng		93
54) 2,4-Dinitrophenol	15.124	184	45681	112.832	ng		92
55) Dibenzofuran	15.417	168	190336	48.924	ng		97
56) 4-Nitrophenol	15.212	139	56157	106.667	ng	#	89
57) 2,4-Dinitrotoluene	15.364	165	48854	48.157	ng		92
58) Fluorene	16.058	166	154875	48.109	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.635	232	49050	48.638	ng	#	99
60) Diethylphthalate	15.805	149	159740	47.864	ng		99
61) 4-Chlorophenyl-phenyle...	16.040	204	88733	46.946	ng		97
62) 4-Nitroaniline	16.075	138	35962	48.753	ng		94
63) Azobenzene	16.334	77	167741	50.433	ng		99
65) 4,6-Dinitro-2-methylph...	16.128	198	34309	57.923	ng		98
66) n-Nitrosodiphenylamine	16.251	169	130422	49.678	ng		98
67) 4-Bromophenyl-phenylether	16.933	248	57983	47.916	ng		99
68) Hexachlorobenzene	17.062	284	63993	53.489	ng		98
69) Atrazine	17.185	200	59648	54.733	ng		96
70) Pentachlorophenol	17.403	266	74480	86.777	ng		94
71) Phenanthrene	17.802	178	246094	49.354	ng		99
72) Anthracene	17.890	178	252068	49.313	ng		99
73) Carbazole	18.155	167	225307	50.555	ng		95
74) Di-n-butylphthalate	18.678	149	257318	49.861	ng		99
75) Fluoranthene	19.788	202	291668	46.143	ng		97
77) Benzidine	19.952	184	162506	66.930	ng		99
78) Pyrene	20.152	202	293713	47.805	ng		98
80) Butylbenzylphthalate	21.004	149	109720	51.896	ng		97
81) Benzo(a)anthracene	22.055	228	294406	47.894	ng		98
82) 3,3'-Dichlorobenzidine	21.955	252	75900	36.566	ng		98
83) Chrysene	22.126	228	271060	47.095	ng		99
84) Bis(2-ethylhexyl)phtha...	21.908	149	158422	51.747	ng		96
85) Di-n-octyl phthalate	23.218	149	270489	52.429	ng		100
87) Indeno(1,2,3-cd)pyrene	29.704	276	362785	51.411	ng		98
88) Benzo(b)fluoranthene	24.481	252	310749m	52.045	ng		
89) Benzo(k)fluoranthene	24.558	252	307805	51.639	ng	#	99
90) Benzo(a)pyrene	25.445	252	274301	46.752	ng		99
91) Dibenzo(a,h)anthracene	29.768	278	303883	52.391	ng		96
92) Benzo(g,h,i)perylene	30.984	276	291910	51.396	ng		99

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

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