Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
Data File : BG051125.D
Acq On : 19 Nov 2021 14:59
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 15:46:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 13:43:23 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/19/2021
Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.212	152	29648	20.000	ng		0.00
21) Naphthalene-d8	11.038	136	125614	20.000	ng	#	0.00
39) Acenaphthene-d10	14.839	164	87349	20.000	ng		0.00
64) Phenanthrene-d10	17.589	188	197198	20.000	ng	#	0.00
76) Chrysene-d12	21.890	240	176299	20.000	ng	#	0.00
86) Perylene-d12	25.280	264	180741	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	253363	127.835	ng		0.00
7) Phenol-d6	7.366	99	363888	130.080	ng		0.00
23) Nitrobenzene-d5	9.393	82	377885	133.167	ng		0.00
42) 2,4,6-Tribromophenol	16.332	330	133249	152.437	ng		0.00
45) 2-Fluorobiphenyl	13.465	172	760062	137.486	ng		0.00
79) Terphenyl-d14	20.174	244	1236139	133.524	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.594	88	53460	55.670	ng		94
3) Pyridine	4.005	79	166400m	63.238	ng		
4) n-Nitrosodimethylamine	3.923	42	70386	60.304	ng	#	39
6) Aniline	7.530	93	213739	64.154	ng		96
8) 2-Chlorophenol	7.771	128	132500	65.088	ng		92
10) Phenol	7.395	94	184706	64.291	ng		84
11) bis(2-Chloroethyl)ether	7.624	93	138418	62.527	ng		90
12) 1,3-Dichlorobenzene	8.100	146	143303	64.632	ng		94
13) 1,4-Dichlorobenzene	8.247	146	146551	65.670	ng		99
14) 1,2-Dichlorobenzene	8.564	146	137469	63.426	ng		96
15) Benzyl Alcohol	8.453	79	148684	67.574	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.735	45	198165	55.843	ng		88
17) 2-Methylphenol	8.653	107	125551	65.634	ng		91
18) Hexachloroethane	9.299	117	55199	65.162	ng		98
19) n-Nitroso-di-n-propyla...	9.017	70	131085	63.410	ng	#	88
20) 3+4-Methylphenols	8.987	107	180170	66.745	ng		96
22) Acetophenone	9.040	105	227754	65.235	ng	#	93
24) Nitrobenzene	9.434	77	181169	64.758	ng	#	90
25) Isophorone	9.951	82	337047	65.715	ng	#	95
26) 2-Nitrophenol	10.145	139	86082	72.397	ng	#	85
27) 2,4-Dimethylphenol	10.192	122	119738	66.068	ng		93
28) bis(2-Chloroethoxy)met...	10.427	93	197205	64.685	ng		94
29) 2,4-Dichlorophenol	10.685	162	139666	72.076	ng		96
30) 1,2,4-Trichlorobenzene	10.897	180	154133	71.001	ng		96
31) Naphthalene	11.091	128	447048	66.278	ng		98
32) Benzoic acid	10.386	122	101802	72.883	ng		86
33) 4-Chloroaniline	11.197	127	194021	68.083	ng		94
34) Hexachlorobutadiene	11.349	225	95910	72.609	ng		97
35) Caprolactam	11.996	113	36759	69.769	ng	#	79
36) 4-Chloro-3-methylphenol	12.307	107	170502	70.526	ng	#	94
37) 2-Methylnaphthalene	12.677	142	316687	69.095	ng		93
38) 1-Methylnaphthalene	12.895	142	305578	68.224	ng		94
40) 1,2,4,5-Tetrachloroben...	13.041	216	182440	71.695	ng		97
41) Hexachlorocyclopentadiene	13.006	237	59972	69.205	ng		91
43) 2,4,6-Trichlorophenol	13.282	196	129423	71.286	ng		95
44) 2,4,5-Trichlorophenol	13.359	196	141915	73.293	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.676	154	424505	66.553	ng		95
47) 2-Chloronaphthalene	13.723	162	337025	67.388	ng		99
48) 2-Nitroaniline	13.929	65	125234	65.390	ng		89
49) Acenaphthylene	14.569	152	528480	65.337	ng		98
50) Dimethylphthalate	14.287	163	449158	65.354	ng		99
51) 2,6-Dinitrotoluene	14.416	165	96449	68.187	ng	#	81
52) Acenaphthene	14.904	154	315195	66.877	ng		94
53) 3-Nitroaniline	14.757	138	110176	66.647	ng		99
54) 2,4-Dinitrophenol	14.969	184	61075	78.958	ng	#	77
55) Dibenzofuran	15.239	168	532066	66.373	ng		97
56) 4-Nitrophenol	15.063	139	85395	67.524	ng	#	71
57) 2,4-Dinitrotoluene	15.210	165	139058	69.289	ng		92
58) Fluorene	15.885	166	418623	66.900	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.462	232	117492	71.246	ng	#	99
60) Diethylphthalate	15.638	149	473109	65.603	ng		98
61) 4-Chlorophenyl-phenyle...	15.868	204	235187	69.584	ng		96
62) 4-Nitroaniline	15.920	138	114213	66.466	ng	#	64
63) Azobenzene	16.161	77	473928	62.014	ng		83
65) 4,6-Dinitro-2-methylph...	15.973	198	94288	77.285	ng		91
66) n-Nitrosodiphenylamine	16.085	169	384429	67.881	ng		98
67) 4-Bromophenyl-phenylether	16.767	248	148925	72.097	ng		92
68) Hexachlorobenzene	16.890	284	149050	73.307	ng		97
70) Pentachlorophenol	17.237	266	81864	70.950	ng		99
71) Phenanthrene	17.630	178	702529	66.789	ng		98
72) Anthracene	17.724	178	691961	66.144	ng		98
73) Carbazole	17.995	167	668699	64.544	ng		98
74) Di-n-butylphthalate	18.517	149	803294	65.442	ng	#	96
75) Fluoranthene	19.628	202	847852	65.701	ng		96
78) Pyrene	19.992	202	850293	64.290	ng		96
80) Butylbenzylphthalate	20.850	149	373339	65.671	ng		95
81) Benzo(a)anthracene	21.866	228	809428	66.864	ng		98
82) 3,3'-Dichlorobenzidine	21.772	252	358861	64.818	ng	#	99
83) Chrysene	21.937	228	755872	66.190	ng		96
84) Bis(2-ethylhexyl)phtha...	21.725	149	517727	64.676	ng		99
85) Di-n-octyl phthalate	22.995	149	866573	64.310	ng		100
87) Indeno(1,2,3-cd)pyrene	29.223	276	892170	69.544	ng	#	90
88) Benzo(b)fluoranthene	24.205	252	760849	66.877	ng	#	94
89) Benzo(k)fluoranthene	24.275	252	766552	67.556	ng	#	97
90) Benzo(a)pyrene	25.127	252	656011	67.541	ng	#	94
91) Dibenzo(a,h)anthracene	29.281	278	728207	68.944	ng	#	94
92) Benzo(g,h,i)perylene	30.445	276	726011	69.846	ng	#	91

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

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