Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
Data File : BG051119.D
Acq On : 19 Nov 2021 10:52
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 13:44:16 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 :
SSTDICC005

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	8.206	152	22769	20.000	ng		0.00
21) Naphthalene-d8	11.038	136	100102	20.000	ng	#	0.00
39) Acenaphthene-d10	14.840	164	72085	20.000	ng		0.00
64) Phenanthrene-d10	17.584	188	165399	20.000	ng	#	0.00
76) Chrysene-d12	21.884	240	161834	20.000	ng	#	0.00
86) Perylene-d12	25.280	264	158445	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.744	112	17828	11.713	ng		0.00
7) Phenol-d6	7.360	99	24215	11.271	ng		0.00
23) Nitrobenzene-d5	9.387	82	25240	11.161	ng		0.00
42) 2,4,6-Tribromophenol	16.326	330	8334	11.553	ng		0.00
45) 2-Fluorobiphenyl	13.459	172	57963	12.705	ng		0.00
79) Terphenyl-d14	20.169	244	107886	12.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	3560	4.827	ng		89
3) Pyridine	4.017	79	10551	5.221	ng	#	85
4) n-Nitrosodimethylamine	3.923	42	4486	5.005	ng	#	25
6) Aniline	7.531	93	14410	5.632	ng		97
8) 2-Chlorophenol	7.771	128	9531	6.096	ng		98
9) Benzaldehyde	7.343	77	8926	5.774	ng		87
10) Phenol	7.390	94	12387	5.614	ng	#	81
11) bis(2-Chloroethyl)ether	7.619	93	9621	5.659	ng		93
12) 1,3-Dichlorobenzene	8.101	146	9947m	5.842	ng		
13) 1,4-Dichlorobenzene	8.242	146	10473	6.111	ng		96
14) 1,2-Dichlorobenzene	8.565	146	9640	5.791	ng		87
15) Benzyl Alcohol	8.447	79	9164	5.423	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.723	45	14231	5.222	ng		91
17) 2-Methylphenol	8.653	107	8166	5.559	ng	#	88
18) Hexachloroethane	9.293	117	3977	6.113	ng	#	89
19) n-Nitroso-di-n-propyla...	9.005	70	9382	5.909	ng	#	81
20) 3+4-Methylphenols	8.982	107	11727	5.657	ng		93
22) Acetophenone	9.041	105	15910	5.719	ng	#	93
24) Nitrobenzene	9.428	77	12009	5.387	ng		93
25) Isophorone	9.945	82	22912	5.606	ng	#	96
26) 2-Nitrophenol	10.139	139	5105	5.388	ng	#	75
27) 2,4-Dimethylphenol	10.198	122	8447	5.849	ng	#	76
28) bis(2-Chloroethoxy)met...	10.421	93	13875	5.711	ng		98
29) 2,4-Dichlorophenol	10.692	162	9089	5.886	ng		97
30) 1,2,4-Trichlorobenzene	10.891	180	10346	5.980	ng		97
31) Naphthalene	11.085	128	30819	5.734	ng		98
33) 4-Chloroaniline	11.203	127	12722	5.602	ng	#	92
34) Hexachlorobutadiene	11.350	225	6361	6.043	ng		97
35) Caprolactam	11.961	113	2507	5.971	ng	#	79
36) 4-Chloro-3-methylphenol	12.307	107	11524	5.982	ng	#	95
37) 2-Methylnaphthalene	12.678	142	21897	5.995	ng		92
38) 1-Methylnaphthalene	12.895	142	21535	6.033	ng		95
40) 1,2,4,5-Tetrachloroben...	13.042	216	12609	6.004	ng	#	95
43) 2,4,6-Trichlorophenol	13.283	196	8184	5.462	ng		96
44) 2,4,5-Trichlorophenol	13.365	196	9039	5.657	ng		88
46) 1,1'-Biphenyl	13.670	154	30753	5.842	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.723	162	24251	5.876	ng		99
48) 2-Nitroaniline	13.929	65	8381	5.303	ng	#	81
49) Acenaphthylene	14.564	152	38756	5.806	ng	#	92
50) Dimethylphthalate	14.276	163	33118	5.839	ng		100
51) 2,6-Dinitrotoluene	14.417	165	6681	5.723	ng	#	70
52) Acenaphthene	14.904	154	22638	5.820	ng		97
53) 3-Nitroaniline	14.752	138	7148	5.240	ng	#	91
55) Dibenzofuran	15.233	168	40049	6.054	ng		96
56) 4-Nitrophenol	15.069	139	4102	3.930	ng	#	67
57) 2,4-Dinitrotoluene	15.204	165	9262	5.592	ng	#	90
58) Fluorene	15.886	166	31279	6.057	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.468	232	7822	5.748	ng	#	95
60) Diethylphthalate	15.627	149	34990	5.879	ng		98
61) 4-Chlorophenyl-phenyle...	15.868	204	16769	6.012	ng		95
62) 4-Nitroaniline	15.909	138	7855	5.539	ng	#	65
63) Azobenzene	16.162	77	34056	5.400	ng	#	80
65) 4,6-Dinitro-2-methylph...	15.974	198	4100	4.007	ng		87
66) n-Nitrosodiphenylamine	16.079	169	27895	5.873	ng		98
67) 4-Bromophenyl-phenylether	16.761	248	10302	5.946	ng		97
68) Hexachlorobenzene	16.890	284	10768	6.314	ng		99
69) Atrazine	17.019	200	7425	6.287	ng		95
71) Phenanthrene	17.631	178	52806	5.985	ng		96
72) Anthracene	17.719	178	52791	6.016	ng		99
73) Carbazole	17.989	167	52926	6.091	ng		99
74) Di-n-butylphthalate	18.518	149	64430	6.258	ng	#	95
75) Fluoranthene	19.628	202	67320	6.220	ng		97
77) Benzidine	19.804	184	15770	5.155	ng		96
78) Pyrene	19.992	202	70161	5.779	ng		97
80) Butylbenzylphthalate	20.850	149	29215	5.598	ng		97
81) Benzo(a)anthracene	21.861	228	65110	5.859	ng		98
82) 3,3'-Dichlorobenzidine	21.767	252	27554	5.422	ng	#	98
83) Chrysene	21.931	228	60891	5.809	ng		97
84) Bis(2-ethylhexyl)phtha...	21.726	149	40144	5.463	ng		99
85) Di-n-octyl phthalate	22.989	149	67396	5.449	ng		99
87) Indeno(1,2,3-cd)pyrene	29.199	276	66591	5.921	ng	#	57
88) Benzo(b)fluoranthene	24.193	252	56484	5.663	ng	#	95
89) Benzo(k)fluoranthene	24.264	252	58892m	5.921	ng		
90) Benzo(a)pyrene	25.122	252	49978	5.870	ng	#	93
91) Dibenzo(a,h)anthracene	29.246	278	55886	6.036	ng	#	91
92) Benzo(g,h,i)perylene	30.421	276	54467	5.977	ng	#	91

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

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