Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051109.D
Acq On : 18 Nov 2021 17:28
Operator : CG/JU
Sample : M4654-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PARKINGLOT-BOTTOM-U-SPMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/29/2021

Quant Time: Nov 19 01:36:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 01:16:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	30466	20.000	ng		0.00
21) Naphthalene-d8	11.049	136	133958	20.000	ng	#	0.00
39) Acenaphthene-d10	14.850	164	90172	20.000	ng		0.00
64) Phenanthrene-d10	17.594	188	190655	20.000	ng	#	0.00
76) Chrysene-d12	21.895	240	174998	20.000	ng	#	0.00
86) Perylene-d12	25.303	264	173735	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	247453	121.501	ng		0.00
7) Phenol-d6	7.377	99	338190	117.647	ng		0.00
23) Nitrobenzene-d5	9.398	82	220941	73.010	ng		0.00
42) 2,4,6-Tribromophenol	16.343	330	103974	115.222	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	426353	74.707	ng		0.00
79) Terphenyl-d14	20.185	244	616471	67.084	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.605	88	34470	38.442	ng	#	92
3) Pyridine	4.016	79	83090	30.729	ng	#	91
4) n-Nitrosodimethylamine	3.928	42	50391	42.014	ng	#	38
6) Aniline	7.541	93	132823	38.796	ng		96
8) 2-Chlorophenol	7.782	128	105184	50.282	ng		91
9) Benzaldehyde	7.353	77	75171	36.340	ng		90
10) Phenol	7.400	94	151119	51.188	ng	#	80
11) bis(2-Chloroethyl)ether	7.629	93	104248	45.827	ng		89
12) 1,3-Dichlorobenzene	8.105	146	104568	45.896	ng		94
13) 1,4-Dichlorobenzene	8.258	146	107131	46.717	ng		97
14) 1,2-Dichlorobenzene	8.575	146	103778	46.596	ng		94
15) Benzyl Alcohol	8.458	79	112912	49.939	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.746	45	152883	41.926	ng		89
17) 2-Methylphenol	8.663	107	99132	50.431	ng	#	88
18) Hexachloroethane	9.310	117	41530	47.710	ng		93
19) n-Nitroso-di-n-propyla...	9.022	70	95280	44.852	ng	#	84
20) 3+4-Methylphenols	8.992	107	138034	49.763	ng		94
22) Acetophenone	9.051	105	163455	43.902	ng	#	93
24) Nitrobenzene	9.439	77	135169	45.306	ng		93
25) Isophorone	9.962	82	246670	45.098	ng	#	95
26) 2-Nitrophenol	10.156	139	61428	48.445	ng	#	86
27) 2,4-Dimethylphenol	10.203	122	103346	53.471	ng		92
28) bis(2-Chloroethoxy)met...	10.432	93	141797	43.613	ng		94
29) 2,4-Dichlorophenol	10.696	162	105420	51.014	ng		93
30) 1,2,4-Trichlorobenzene	10.908	180	105032	45.369	ng		98
31) Naphthalene	11.102	128	326372	45.373	ng		97
32) Benzoic acid	10.361	122	68552	46.021	ng	#	80
33) 4-Chloroaniline	11.207	127	89063	29.306	ng		96
34) Hexachlorobutadiene	11.366	225	62196	44.153	ng		94
35) Caprolactam	11.989	113	40794m	72.605	ng		
36) 4-Chloro-3-methylphenol	12.318	107	127109	49.302	ng	#	93
37) 2-Methylnaphthalene	12.688	142	234736	48.025	ng		92
38) 1-Methylnaphthalene	12.905	142	218899	45.828	ng		91
40) 1,2,4,5-Tetrachloroben...	13.052	216	118910	45.266	ng		98
41) Hexachlorocyclopentadiene	13.017	237	88869	99.340	ng		93
43) 2,4,6-Trichlorophenol	13.293	196	87156	46.502	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.370	196	95487	47.771	ng		92
46) 1,1'-Biphenyl	13.681	154	293519	44.577	ng		96
47) 2-Chloronaphthalene	13.734	162	234680	45.455	ng		99
48) 2-Nitroaniline	13.940	65	89986	45.515	ng		89
49) Acenaphthylene	14.574	152	381990	45.748	ng		98
50) Dimethylphthalate	14.292	163	308562	43.491	ng		99
51) 2,6-Dinitrotoluene	14.427	165	67948	46.534	ng	#	79
52) Acenaphthene	14.915	154	219378	45.090	ng		89
53) 3-Nitroaniline	14.756	138	55473	32.506	ng		92
54) 2,4-Dinitrophenol	14.974	184	75495	94.545	ng		83
55) Dibenzofuran	15.250	168	363819	43.964	ng		94
56) 4-Nitrophenol	15.068	139	115890	88.769	ng	#	72
57) 2,4-Dinitrotoluene	15.215	165	97010	46.824	ng		93
58) Fluorene	15.896	166	287864	44.563	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.473	232	78180m	45.924	ng		
60) Diethylphthalate	15.643	149	322434	43.310	ng		97
61) 4-Chlorophenyl-phenyle...	15.878	204	153409	43.968	ng		95
62) 4-Nitroaniline	15.920	138	75950	42.815	ng	#	64
63) Azobenzene	16.172	77	333766	42.306	ng		82
65) 4,6-Dinitro-2-methylph...	15.978	198	54126	45.888	ng		89
66) n-Nitrosodiphenylamine	16.096	169	262059	47.861	ng		98
67) 4-Bromophenyl-phenylether	16.772	248	93360	46.748	ng		96
68) Hexachlorobenzene	16.901	284	95083	48.369	ng		96
69) Atrazine	17.036	200	102274	75.126	ng		97
70) Pentachlorophenol	17.247	266	98206	88.034	ng		94
71) Phenanthrene	17.641	178	473878	46.597	ng		98
72) Anthracene	17.729	178	475653	47.028	ng		97
73) Carbazole	18.000	167	434648	43.393	ng		98
74) Di-n-butylphthalate	18.528	149	547336	46.120	ng	#	96
75) Fluoranthene	19.639	202	554792	44.467	ng		95
77) Benzidine	19.815	184	176967	53.499	ng		97
78) Pyrene	20.003	202	567343	43.215	ng		98
80) Butylbenzylphthalate	20.861	149	243773	43.199	ng		98
81) Benzo(a)anthracene	21.877	228	537152	44.702	ng		99
82) 3,3'-Dichlorobenzidine	21.777	252	142619	25.952	ng	#	98
83) Chrysene	21.948	228	519410	45.822	ng		96
84) Bis(2-ethylhexyl)phtha...	21.736	149	359509	45.245	ng	#	97
85) Di-n-octyl phthalate	23.000	149	614385	45.934	ng		100
87) Indeno(1,2,3-cd)pyrene	29.239	276	589977	47.843	ng	#	88
88) Benzo(b)fluoranthene	24.216	252	547635	50.077	ng	#	92
89) Benzo(k)fluoranthene	24.286	252	509269	46.692	ng	#	97
90) Benzo(a)pyrene	25.144	252	522939	56.011	ng	#	93
91) Dibenzo(a,h)anthracene	29.292	278	495317	48.786	ng	#	93
92) Benzo(g,h,i)perylene	30.467	276	491439	49.185	ng	#	89

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

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