Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050525.D
Acq On : 9 Oct 2021 1:51
Operator : CG/JU
Sample : M4081-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-237MSD

Manual Integrations APPROVED
mohammad
10/11/2021 2:10:32 PM

Quant Time: Oct 09 04:08:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.261	152	54198	20.00	ng		0.00
21) Naphthalene-d8	11.087	136	232814	20.00	ng		# 0.00
39) Acenaphthene-d10	14.877	164	156867	20.00	ng		0.00
64) Phenanthrene-d10	17.621	188	326980	20.00	ng		# 0.00
76) Chrysene-d12	21.922	240	274821	20.00	ng		# 0.00
86) Perylene-d12	25.335	264	278322	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	453720	125.20	ng		0.00
7) Phenol-d6	7.403	99	624024	118.93	ng		0.00
23) Nitrobenzene-d5	9.436	82	435202	77.38	ng		0.00
42) 2,4,6-Tribromophenol	16.363	330	166723	111.43	ng		0.00
45) 2-Fluorobiphenyl	13.502	172	619480	59.43	ng		0.00
79) Terphenyl-d14	20.206	244	741466	52.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.661	88	63002	33.57	ng		94
3) Pyridine	4.066	79	152378	29.72	ng	#	89
4) n-Nitrosodimethylamine	3.978	42	102812	42.55	ng	#	50
6) Aniline	7.580	93	225911	37.06	ng		92
8) 2-Chlorophenol	7.821	128	175891	50.41	ng		88
9) Benzaldehyde	7.392	77	139705	42.55	ng		90
10) Phenol	7.433	94	246781	48.37	ng		88
11) bis(2-Chloroethyl)ether	7.668	93	176210	44.25	ng		85
12) 1,3-Dichlorobenzene	8.150	146	179719	44.62	ng		98
13) 1,4-Dichlorobenzene	8.296	146	185127	45.59	ng		95
14) 1,2-Dichlorobenzene	8.620	146	177892	45.87	ng		95
15) Benzyl Alcohol	8.496	79	199837	48.20	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.784	45	292517	45.05	ng		86
17) 2-Methylphenol	8.690	107	164379	48.97	ng		92
18) Hexachloroethane	9.354	117	72128	46.93	ng		93
19) n-Nitroso-di-n-propyla...	9.066	70	169243	44.25	ng	#	89
20) 3+4-Methylphenols	9.019	107	225117	47.65	ng		95
22) Acetophenone	9.090	105	279095	42.17	ng	#	98
24) Nitrobenzene	9.477	77	247958	44.34	ng		95
25) Isophorone	9.994	82	427330	42.84	ng	#	95
26) 2-Nitrophenol	10.188	139	101309	49.34	ng	#	94
27) 2,4-Dimethylphenol	10.235	122	174343	49.14	ng		94
28) bis(2-Chloroethoxy)met...	10.476	93	240931	42.24	ng		93
29) 2,4-Dichlorophenol	10.723	162	175321	48.49	ng		99
30) 1,2,4-Trichlorobenzene	10.940	180	178853	43.54	ng		96
31) Naphthalene	11.140	128	544040	43.66	ng		98
32) Benzoic acid	10.382	122	127924	48.59	ng	#	80
33) 4-Chloroaniline	11.240	127	116458	22.27	ng		98
34) Hexachlorobutadiene	11.410	225	110665	42.92	ng		93
35) Caprolactam	12.021	113	63514m	45.90	ng		
36) 4-Chloro-3-methylphenol	12.339	107	206269	45.64	ng	#	91
37) 2-Methylnaphthalene	12.721	142	393007	45.71	ng		94
38) 1-Methylnaphthalene	12.938	142	363537	43.60	ng		94
40) 1,2,4,5-Tetrachloroben...	13.085	216	199686	43.11	ng		97
41) Hexachlorocyclopentadiene	13.056	237	216650	80.92	ng		92
43) 2,4,6-Trichlorophenol	13.314	196	144989	44.42	ng		93

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.385	196	154409	45.24	ng		91
46)	1,1'-Biphenyl	13.714	154	480352	41.98	ng		92
47)	2-Chloronaphthalene	13.767	162	376357	42.84	ng		99
48)	2-Nitroaniline	13.960	65	157065	44.94	ng		97
49)	Acenaphthylene	14.607	152	618755	42.98	ng		97
50)	Dimethylphthalate	14.325	163	495613	41.80	ng		99
51)	2,6-Dinitrotoluene	14.448	165	106807	44.97	ng		95
52)	Acenaphthene	14.942	154	441233m	47.70	ng		
53)	3-Nitroaniline	14.777	138	89497	31.86	ng		85
54)	2,4-Dinitrophenol	14.983	184	121996	82.80	ng		95
55)	Dibenzofuran	15.277	168	584902	40.88	ng		99
56)	4-Nitrophenol	15.077	139	193625	85.69	ng	#	82
57)	2,4-Dinitrotoluene	15.235	165	150962	45.10	ng		94
58)	Fluorene	15.923	166	464072	42.23	ng		94
59)	2,3,4,6-Tetrachlorophenol	15.494	232	125273	42.14	ng		95
60)	Diethylphthalate	15.676	149	513665	41.23	ng		96
61)	4-Chlorophenyl-phenyle...	15.905	204	249136	41.43	ng		97
62)	4-Nitroaniline	15.940	138	115982	39.68	ng	#	68
63)	Azobenzene	16.199	77	582552	40.40	ng		83
65)	4,6-Dinitro-2-methylph...	15.993	198	79668	40.57	ng		86
66)	n-Nitrosodiphenylamine	16.123	169	417863	44.98	ng		97
67)	4-Bromophenyl-phenylether	16.804	248	148486	45.07	ng		98
68)	Hexachlorobenzene	16.922	284	149481	45.65	ng	#	92
69)	Atrazine	17.063	200	165957	45.34	ng		99
70)	Pentachlorophenol	17.262	266	185416	83.17	ng		98
71)	Phenanthrene	17.668	178	753275	43.72	ng		98
72)	Anthracene	17.756	178	747784	43.67	ng		98
73)	Carbazole	18.020	167	687963	40.31	ng		98
74)	Di-n-butylphthalate	18.561	149	841161	42.00	ng	#	97
75)	Fluoranthene	19.660	202	878461	41.47	ng		96
77)	Benzidine	19.836	184	312184	35.05	ng		99
78)	Pyrene	20.024	202	882773	45.27	ng		96
80)	Butylbenzylphthalate	20.893	149	365907	44.37	ng		95
81)	Benzo(a)anthracene	21.904	228	796707	43.81	ng		99
82)	3,3'-Dichlorobenzidine	21.810	252	222095	36.85	ng	#	99
83)	Chrysene	21.975	228	760829	44.48	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.781	149	533847	45.56	ng	#	97
85)	Di-n-octyl phthalate	23.061	149	895821	45.83	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	29.272	276	876449	45.21	ng	#	93
88)	Benzo(b)fluoranthene	24.248	252	802445	47.08	ng	#	93
89)	Benzo(k)fluoranthene	24.319	252	756700	45.13	ng	#	97
90)	Benzo(a)pyrene	25.183	252	769942	53.13	ng	#	92
91)	Dibenzo(a,h)anthracene	29.342	278	733248	45.73	ng	#	92
92)	Benzo(g,h,i)perylene	30.506	276	724184	46.12	ng	#	90

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

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