Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101321\
Data File : BG050575.D
Acq On : 13 Oct 2021 18:11
Operator : CG/JU
Sample : M4047-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1MSD

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:26 AM

Quant Time: Oct 14 03:04:38 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	8.259	152	40481	20.00	ng		0.00
21) Naphthalene-d8	11.086	136	166802	20.00	ng		# 0.00
39) Acenaphthene-d10	14.875	164	112947	20.00	ng		0.00
64) Phenanthrene-d10	17.619	188	265336	20.00	ng		# 0.00
76) Chrysene-d12	21.926	240	239798	20.00	ng		# 0.00
86) Perylene-d12	25.334	264	244927	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	312859	115.58	ng		0.00
7) Phenol-d6	7.402	99	390434	99.63	ng		0.00
23) Nitrobenzene-d5	9.429	82	345041	85.63	ng		0.00
42) 2,4,6-Tribromophenol	16.362	330	148714	138.04	ng		0.00
45) 2-Fluorobiphenyl	13.500	172	611236	81.45	ng		0.00
79) Terphenyl-d14	20.210	244	1105987	89.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.653	88	50916	36.32	ng		90
3) Pyridine	4.064	79	89262	23.31	ng	#	93
4) n-Nitrosodimethylamine	3.976	42	76541	42.41	ng	#	50
6) Aniline	7.578	93	166339	36.53	ng		95
8) 2-Chlorophenol	7.819	128	127678	48.99	ng		86
9) Benzaldehyde	7.390	77	124465	51.84	ng		90
10) Phenol	7.431	94	151995	39.89	ng		86
11) bis(2-Chloroethyl)ether	7.666	93	134474	45.22	ng		88
12) 1,3-Dichlorobenzene	8.148	146	122048	40.57	ng		96
13) 1,4-Dichlorobenzene	8.295	146	124827	41.16	ng		96
14) 1,2-Dichlorobenzene	8.612	146	122383	42.25	ng		96
15) Benzyl Alcohol	8.494	79	148813	48.05	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.776	45	218521	45.05	ng		85
17) 2-Methylphenol	8.688	107	119262	47.57	ng		94
18) Hexachloroethane	9.352	117	46622	40.62	ng		92
19) n-Nitroso-di-n-propyla...	9.059	70	130065	45.53	ng	#	93
20) 3+4-Methylphenols	9.017	107	159393	45.17	ng		95
22) Acetophenone	9.082	105	214090	45.15	ng	#	98
24) Nitrobenzene	9.476	77	186334	46.51	ng		95
25) Isophorone	9.993	82	336382	47.07	ng	#	95
26) 2-Nitrophenol	10.187	139	72041	48.97	ng	#	92
27) 2,4-Dimethylphenol	10.234	122	131106	51.58	ng		93
28) bis(2-Chloroethoxy)met...	10.469	93	186844	45.72	ng		92
29) 2,4-Dichlorophenol	10.721	162	128148	49.47	ng		96
30) 1,2,4-Trichlorobenzene	10.939	180	120544	40.96	ng		99
31) Naphthalene	11.133	128	387070	43.35	ng		99
33) 4-Chloroaniline	11.238	127	141880	37.87	ng		96
34) Hexachlorobutadiene	11.409	225	71293	38.59	ng		91
35) Caprolactam	12.002	113	37904	38.23	ng	#	64
36) 4-Chloro-3-methylphenol	12.337	107	161244	49.80	ng	#	91
37) 2-Methylnaphthalene	12.719	142	285123	46.28	ng		93
38) 1-Methylnaphthalene	12.936	142	266894	44.68	ng		96
40) 1,2,4,5-Tetrachloroben...	13.083	216	146439	43.90	ng		97
41) Hexachlorocyclopentadiene	13.054	237	151709	78.70	ng		91
43) 2,4,6-Trichlorophenol	13.312	196	109094	46.42	ng		92
44) 2,4,5-Trichlorophenol	13.389	196	118059	48.04	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.712	154	359559	43.64	ng		92
47) 2-Chloronaphthalene	13.765	162	286212	45.24	ng		98
48) 2-Nitroaniline	13.959	65	135129	53.70	ng		97
49) Acenaphthylene	14.605	152	485617	46.85	ng		97
50) Dimethylphthalate	14.323	163	415139	48.63	ng		100
51) 2,6-Dinitrotoluene	14.446	165	89539	52.36	ng		90
52) Acenaphthene	14.940	154	282891	42.47	ng		94
53) 3-Nitroaniline	14.781	138	92355	45.66	ng		90
54) 2,4-Dinitrophenol	14.981	184	5223	4.92	ng	#	86
55) Dibenzofuran	15.275	168	468260	45.46	ng		96
56) 4-Nitrophenol	15.075	139	141672	87.07	ng	#	83
57) 2,4-Dinitrotoluene	15.228	165	130315	54.07	ng		93
58) Fluorene	15.921	166	379859	48.01	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.492	232	101223	47.29	ng		96
60) Diethylphthalate	15.674	149	446811	49.81	ng		97
61) 4-Chlorophenyl-phenyle...	15.903	204	199765	46.14	ng		97
62) 4-Nitroaniline	15.939	138	109518	52.04	ng	#	67
63) Azobenzene	16.197	77	486275	46.83	ng		83
65) 4,6-Dinitro-2-methylph...	15.992	198	13151m	8.25	ng		
66) n-Nitrosodiphenylamine	16.121	169	350174	46.45	ng		98
67) 4-Bromophenyl-phenylether	16.802	248	120752	45.16	ng		98
68) Hexachlorobenzene	16.920	284	126235	47.50	ng		95
69) Atrazine	17.061	200	153128	51.56	ng		99
70) Pentachlorophenol	17.261	266	103696	57.32	ng		97
71) Phenanthrene	17.666	178	662562	47.39	ng		98
72) Anthracene	17.754	178	672043	48.37	ng		98
73) Carbazole	18.024	167	655313	47.32	ng		99
74) Di-n-butylphthalate	18.559	149	801836	49.34	ng	#	96
75) Fluoranthene	19.658	202	832079	48.41	ng		95
77) Benzidine	19.834	184	425947	54.80	ng		97
78) Pyrene	20.022	202	827019	48.61	ng		96
80) Butylbenzylphthalate	20.892	149	363954	50.57	ng		96
81) Benzo(a)anthracene	21.902	228	756393	47.67	ng		99
82) 3,3'-Dichlorobenzidine	21.808	252	239296	45.51	ng	#	99
83) Chrysene	21.973	228	720876	48.30	ng		94
84) Bis(2-ethylhexyl)phtha...	21.773	149	525661	51.41	ng	#	96
85) Di-n-octyl phthalate	23.054	149	888532	52.10	ng		96
87) Indeno(1,2,3-cd)pyrene	29.270	276	834741	48.93	ng	#	88
88) Benzo(b)fluoranthene	24.247	252	777196	51.81	ng	#	93
89) Benzo(k)fluoranthene	24.323	252	725189	49.14	ng	#	97
90) Benzo(a)pyrene	25.181	252	735283	57.65	ng	#	94
91) Dibenzo(a,h)anthracene	29.335	278	705662	50.01	ng	#	94
92) Benzo(g,h,i)perylene	30.498	276	692040	50.08	ng	#	90

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

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