Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010621\
Data File : BG047883.D
Acq On : 6 Jan 2021 19:44
Operator : CG/JU
Sample : M1010-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MTMSD

Manual Integrations APPROVED
mohammad
1/7/2021 4:43:41 PM

Quant Time: Jan 06 23:59:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 15:55:16 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	30957	20.00	ng	# 0.00
21) Naphthalene-d8	11.025	136	126057	20.00	ng	# 0.00
39) Acenaphthene-d10	14.826	164	99103	20.00	ng	0.00
64) Phenanthrene-d10	17.558	188	216497	20.00	ng	# 0.00
76) Chrysene-d12	21.836	240	178080	20.00	ng	# 0.00
86) Perylene-d12	25.197	264	189863	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.772	112	291915	163.13	ng	0.04
7) Phenol-d6	7.406	99	394998	151.00	ng	0.06
23) Nitrobenzene-d5	9.374	82	303039	88.42	ng	0.00
42) 2,4,6-Tribromophenol	16.313	330	238921	141.22	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	679285	88.70	ng	0.00
79) Terphenyl-d14	20.144	244	946929	87.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	25343	32.96	ng	# 45
3) Pyridine	3.992	79	19047	9.60	ng	88
4) n-Nitrosodimethylamine	3.880	42	64517	41.09	ng	# 45
8) 2-Chlorophenol	7.787	128	108860	59.68	ng	94
9) Benzaldehyde	7.323	77	3874	2.26	ng	# 23
10) Phenol	7.435	94	150765	63.57	ng	# 55
11) bis(2-Chloroethyl)ether	7.599	93	164289	97.21	ng	# 77
12) 1,3-Dichlorobenzene	8.087	146	117389	47.74	ng	# 84
13) 1,4-Dichlorobenzene	8.234	146	116972	47.60	ng	95
14) 1,2-Dichlorobenzene	8.557	146	112775m	48.81	ng	
15) Benzyl Alcohol	8.451	79	128210	55.32	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.728	45	84211	50.16	ng	74
17) 2-Methylphenol	8.686	107	117755	70.37	ng	# 76
18) Hexachloroethane	9.292	117	48420	50.26	ng	95
19) n-Nitroso-di-n-propyla...	9.004	70	94345	51.83	ng	# 90
20) 3+4-Methylphenols	9.021	107	166897	72.80	ng	# 44
22) Acetophenone	9.027	105	183000	50.73	ng	# 76
24) Nitrobenzene	9.415	77	149890	46.34	ng	# 84
25) Isophorone	9.938	82	261903	50.68	ng	# 93
26) 2-Nitrophenol	10.126	139	65854	51.46	ng	# 60
27) 2,4-Dimethylphenol	10.214	122	126261	68.54	ng	# 83
28) bis(2-Chloroethoxy)met...	10.414	93	126502	47.36	ng	99
29) 2,4-Dichlorophenol	10.731	162	129145	53.84	ng	96
30) 1,2,4-Trichlorobenzene	10.884	180	139012	45.17	ng	97
31) Naphthalene	11.078	128	373745	53.95	ng	97
32) Benzoic acid	10.408	122	70689m	73.09	ng	
33) 4-Chloroaniline	11.213	127	13607	4.62	ng	# 81
34) Hexachlorobutadiene	11.354	225	111569	41.11	ng	97
35) Caprolactam	12.012	113	28138m	36.94	ng	
36) 4-Chloro-3-methylphenol	12.364	107	132329	50.47	ng	85
37) 2-Methylnaphthalene	12.670	142	277922	51.71	ng	# 90
38) 1-Methylnaphthalene	12.882	142	254433	50.09	ng	# 92
40) 1,2,4,5-Tetrachloroben...	13.028	216	186742	45.91	ng	96
43) 2,4,6-Trichlorophenol	13.287	196	124119	47.76	ng	93
44) 2,4,5-Trichlorophenol	13.434	196	135626m	52.75	ng	
46) 1,1'-Biphenyl	13.657	154	347572	45.96	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.710	162	276001	44.89	ng		95
48) 2-Nitroaniline	13.916	65	94126	41.42	ng	#	76
49) Acenaphthylene	14.550	152	377368	41.35	ng		99
50) Dimethylphthalate	14.274	163	390593	45.72	ng		98
51) 2,6-Dinitrotoluene	14.397	165	81377	46.86	ng	#	45
52) Acenaphthene	14.891	154	366299m	56.90	ng		
53) 3-Nitroaniline	14.732	138	30020	17.45	ng		81
54) 2,4-Dinitrophenol	14.938	184	125283	112.61	ng	#	49
55) Dibenzofuran	15.220	168	446717	47.87	ng	#	85
56) 4-Nitrophenol	15.202	139	63434m	51.13	ng		
57) 2,4-Dinitrotoluene	15.173	165	120177	46.55	ng	#	59
58) Fluorene	15.866	166	370537	46.75	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.461	232	126750	48.26	ng	#	93
60) Diethylphthalate	15.619	149	374715	45.49	ng		97
61) 4-Chlorophenyl-phenyle...	15.849	204	225673	45.18	ng		97
62) 4-Nitroaniline	15.884	138	44396	23.45	ng	#	10
63) Azobenzene	16.142	77	339231	44.17	ng		88
65) 4,6-Dinitro-2-methylph...	15.937	198	84756m	61.27	ng		
66) n-Nitrosodiphenylamine	16.066	169	343711	55.48	ng		93
67) 4-Bromophenyl-phenylether	16.742	248	143815	49.44	ng	#	93
68) Hexachlorobenzene	16.865	284	152924	48.46	ng		92
69) Atrazine	17.006	200	21878	8.41	ng		85
70) Pentachlorophenol	17.235	266	166999	72.47	ng		98
71) Phenanthrene	17.605	178	554881	47.54	ng		97
72) Anthracene	17.694	178	561678	49.63	ng		98
73) Carbazole	17.964	167	456240	46.05	ng		97
74) Di-n-butylphthalate	18.493	149	514438	44.05	ng	#	97
75) Fluoranthene	19.597	202	627355	40.09	ng		93
78) Pyrene	19.956	202	613662	48.10	ng		96
80) Butylbenzylphthalate	20.819	149	200229	45.77	ng	#	84
81) Benzo(a)anthracene	21.818	228	607663	47.51	ng		96
82) 3,3'-Dichlorobenzidine	21.730	252	16363	3.63	ng		85
83) Chrysene	21.889	228	581480	48.13	ng		97
84) Bis(2-ethylhexyl)phtha...	21.695	149	285624	47.37	ng	#	94
85) Di-n-octyl phthalate	22.946	149	484809	47.42	ng	#	80
87) Indeno(1,2,3-cd)pyrene	29.051	276	755255	52.39	ng	#	84
88) Benzo(b)fluoranthene	24.133	252	634196	48.45	ng	#	95
89) Benzo(k)fluoranthene	24.198	252	631322	49.74	ng	#	96
90) Benzo(a)pyrene	25.038	252	573019	47.04	ng	#	94
91) Dibenzo(a,h)anthracene	29.115	278	644738	55.20	ng	#	93
92) Benzo(g,h,i)perylene	30.261	276	633291	55.44	ng	#	90

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

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