Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010621\
Data File : BG047882.D
Acq On : 6 Jan 2021 19:03
Operator : CG/JU
Sample : M1010-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MTMS

Manual Integrations APPROVED
mohammad
1/7/2021 4:43:39 PM

Quant Time: Jan 07 00:25:05 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	8.203	152	32871	20.00	ng		0.00
21) Naphthalene-d8	11.023	136	122584	20.00	ng	#	0.00
39) Acenaphthene-d10	14.824	164	96786	20.00	ng		0.00
64) Phenanthrene-d10	17.562	188	218061	20.00	ng	#	0.00
76) Chrysene-d12	21.839	240	187030	20.00	ng	#	0.00
86) Perylene-d12	25.194	264	202649	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	273845	144.12	ng		0.02
7) Phenol-d6	7.374	99	373039	134.30	ng		0.03
23) Nitrobenzene-d5	9.372	82	295102	88.55	ng		0.00
42) 2,4,6-Tribromophenol	16.311	330	238195	144.16	ng		0.00
45) 2-Fluorobiphenyl	13.449	172	633648	84.72	ng		0.00
79) Terphenyl-d14	20.141	244	961708	84.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.561	88	24892	30.49	ng	#	45
3) Pyridine	3.990	79	20067m	9.52	ng		
4) n-Nitrosodimethylamine	3.878	42	60316	36.18	ng	#	48
8) 2-Chlorophenol	7.774	128	101081	52.19	ng		92
9) Benzaldehyde	7.327	77	5212	2.86	ng	#	16
10) Phenol	7.403	94	148720	59.05	ng	#	61
11) bis(2-Chloroethyl)ether	7.603	93	154582	86.14	ng		84
12) 1,3-Dichlorobenzene	8.085	146	114370	43.80	ng	#	83
13) 1,4-Dichlorobenzene	8.238	146	108702	41.66	ng		92
14) 1,2-Dichlorobenzene	8.561	146	112433	45.83	ng		94
15) Benzyl Alcohol	8.443	79	123471	50.18	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.725	45	82152	46.08	ng		78
17) 2-Methylphenol	8.661	107	114803	64.61	ng	#	79
18) Hexachloroethane	9.295	117	45328	44.31	ng		90
19) n-Nitroso-di-n-propyla...	9.007	70	94419	48.85	ng		97
20) 3+4-Methylphenols	8.990	107	158519	65.12	ng		86
22) Acetophenone	9.025	105	174859	49.84	ng	#	91
24) Nitrobenzene	9.413	77	146400	46.54	ng	#	85
25) Isophorone	9.942	82	252269	50.20	ng	#	92
26) 2-Nitrophenol	10.130	139	63628	51.13	ng	#	44
27) 2,4-Dimethylphenol	10.194	122	123140	68.74	ng		88
28) bis(2-Chloroethoxy)met...	10.412	93	127260	48.99	ng		97
29) 2,4-Dichlorophenol	10.700	162	121332	52.01	ng		96
30) 1,2,4-Trichlorobenzene	10.882	180	135912	45.41	ng		97
31) Naphthalene	11.076	128	359065	53.29	ng		99
32) Benzoic acid	10.382	122	79977	85.03	ng	#	83
33) 4-Chloroaniline	11.217	127	14322	5.00	ng	#	78
34) Hexachlorobutadiene	11.352	225	110322	41.80	ng		99
35) Caprolactam	12.022	113	34969	47.20	ng		91
36) 4-Chloro-3-methylphenol	12.327	107	134546	52.77	ng		91
37) 2-Methylnaphthalene	12.668	142	267434	51.17	ng	#	90
38) 1-Methylnaphthalene	12.885	142	243064	49.20	ng	#	96
40) 1,2,4,5-Tetrachloroben...	13.026	216	175983	44.30	ng	#	97
43) 2,4,6-Trichlorophenol	13.273	196	118954	46.87	ng		91
44) 2,4,5-Trichlorophenol	13.391	196	132777	52.87	ng	#	92
46) 1,1'-Biphenyl	13.661	154	334093	45.23	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.708	162	265438	44.20	ng		97
48)	2-Nitroaniline	13.908	65	91220	41.10	ng	#	79
49)	Acenaphthylene	14.548	152	379470	42.58	ng		98
50)	Dimethylphthalate	14.272	163	379080	45.44	ng		99
51)	2,6-Dinitrotoluene	14.395	165	80593	47.52	ng	#	50
52)	Acenaphthene	14.889	154	360810m	57.39	ng		
53)	3-Nitroaniline	14.730	138	27001	16.07	ng	#	73
54)	2,4-Dinitrophenol	14.930	184	121225	111.57	ng	#	45
55)	Dibenzofuran	15.218	168	435577	47.79	ng		93
56)	4-Nitrophenol	15.106	139	104243	86.04	ng	#	12
57)	2,4-Dinitrotoluene	15.177	165	122502	48.59	ng	#	75
58)	Fluorene	15.864	166	360679	46.59	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.453	232	127256	49.61	ng	#	94
60)	Diethylphthalate	15.617	149	367669	45.71	ng		98
61)	4-Chlorophenyl-phenyle...	15.847	204	223721	45.86	ng		97
62)	4-Nitroaniline	15.876	138	44091	23.85	ng	#	41
63)	Azobenzene	16.140	77	330778	44.10	ng		86
65)	4,6-Dinitro-2-methylph...	15.941	198	85788	61.57	ng		88
66)	n-Nitrosodiphenylamine	16.064	169	337343	54.06	ng		97
67)	4-Bromophenyl-phenylether	16.740	248	144356	49.27	ng	#	92
68)	Hexachlorobenzene	16.869	284	153329	48.24	ng		96
69)	Atrazine	17.010	200	22203	8.47	ng		97
70)	Pentachlorophenol	17.221	266	184765	76.68	ng		97
71)	Phenanthrene	17.603	178	563928	47.97	ng		96
72)	Anthracene	17.691	178	571152	50.11	ng		97
73)	Carbazole	17.962	167	478689	47.97	ng		96
74)	Di-n-butylphthalate	18.496	149	531673	45.20	ng	#	95
75)	Fluoranthene	19.595	202	652089	41.37	ng		92
78)	Pyrene	19.959	202	639971	47.76	ng		96
80)	Butylbenzylphthalate	20.817	149	204407	44.48	ng	#	79
81)	Benzo(a)anthracene	21.816	228	620070	46.16	ng		97
82)	3,3'-Dichlorobenzidine	21.728	252	16292	3.45	ng	#	97
83)	Chrysene	21.886	228	589811	46.49	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.693	149	291193	45.98	ng		94
85)	Di-n-octyl phthalate	22.944	149	490959	45.72	ng	#	87
87)	Indeno(1,2,3-cd)pyrene	29.049	276	775683	50.41	ng	#	83
88)	Benzo(b)fluoranthene	24.131	252	649909	46.51	ng	#	95
89)	Benzo(k)fluoranthene	24.201	252	635281	46.90	ng	#	94
90)	Benzo(a)pyrene	25.036	252	597247	45.94	ng	#	95
91)	Dibenzo(a,h)anthracene	29.113	278	663018	53.18	ng	#	92
92)	Benzo(g,h,i)perylene	30.253	276	651108	53.41	ng	#	90

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

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