Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
Data File : BG048588.D
Acq On : 5 Apr 2021 17:59
Operator : CG/JU
Sample : M1908-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5(3.0-3.5)MS

Manual Integrations APPROVED
mohammad
4/6/2021 3:22:31 PM

Quant Time: Apr 06 04:41:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	27013	20.00	ng		# 0.00
21) Naphthalene-d8	10.917	136	118697	20.00	ng		0.00
39) Acenaphthene-d10	14.748	164	79786	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	189215	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	170826	20.00	ng		# 0.00
86) Perylene-d12	25.142	264	178021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	224328	146.61	ng		0.00
7) Phenol-d6	7.245	99	291528	131.38	ng		0.00
23) Nitrobenzene-d5	9.261	82	205116	83.66	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	139217	132.74	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	453505	84.48	ng		0.00
79) Terphenyl-d14	20.107	244	749202	80.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	25875	42.03	ng	#	95
3) Pyridine	3.908	79	73958	47.92	ng		94
4) n-Nitrosodimethylamine	3.820	42	53303	52.86	ng		99
6) Aniline	7.410	93	61864	24.27	ng		95
8) 2-Chlorophenol	7.657	128	96520	55.82	ng		91
9) Benzaldehyde	7.216	77	69808	49.22	ng		97
10) Phenol	7.275	94	123901	55.77	ng		97
11) bis(2-Chloroethyl)ether	7.504	93	77354	50.18	ng		99
12) 1,3-Dichlorobenzene	7.980	146	101183	51.95	ng		97
13) 1,4-Dichlorobenzene	8.127	146	104196	53.05	ng		96
14) 1,2-Dichlorobenzene	8.450	146	98642	52.44	ng		95
15) Benzyl Alcohol	8.332	79	96019	52.82	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.626	45	74977	50.42	ng		92
17) 2-Methylphenol	8.532	107	78555	54.65	ng		91
18) Hexachloroethane	9.190	117	38760	53.11	ng		88
19) n-Nitroso-di-n-propyla...	8.902	70	71946	47.04	ng		97
20) 3+4-Methylphenols	8.861	107	110370	55.32	ng		93
22) Acetophenone	8.920	105	139312	45.52	ng	#	97
24) Nitrobenzene	9.308	77	110290	45.84	ng		99
25) Isophorone	9.830	82	197571	43.64	ng		97
26) 2-Nitrophenol	10.018	139	52802	47.76	ng		90
27) 2,4-Dimethylphenol	10.077	122	94389	54.26	ng		97
28) bis(2-Chloroethoxy)met...	10.312	93	107251	51.68	ng		97
29) 2,4-Dichlorophenol	10.565	162	100786	51.17	ng		89
30) 1,2,4-Trichlorobenzene	10.776	180	109417	48.34	ng		93
31) Naphthalene	10.970	128	284288	46.58	ng		96
32) Benzoic acid	10.218	122	67249	50.25	ng		99
33) 4-Chloroaniline	11.076	127	23480	9.12	ng	#	90
34) Hexachlorobutadiene	11.252	225	75420	45.63	ng		94
35) Caprolactam	11.852	113	33463m	46.57	ng		
36) 4-Chloro-3-methylphenol	12.198	107	108100	48.87	ng	#	92
37) 2-Methylnaphthalene	12.574	142	228149	46.96	ng		98
38) 1-Methylnaphthalene	12.792	142	209529	45.22	ng		94
40) 1,2,4,5-Tetrachloroben...	12.939	216	126929	51.32	ng		98
41) Hexachlorocyclopentadiene	12.921	237	172332	120.28	ng		93
43) 2,4,6-Trichlorophenol	13.179	196	87282m	51.34	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	96604	53.11	ng		94
46) 1,1'-Biphenyl	13.579	154	300786	51.59	ng		99
47) 2-Chloronaphthalene	13.626	162	225115	50.68	ng		95
48) 2-Nitroaniline	13.820	65	74569	52.81	ng		84
49) Acenaphthylene	14.472	152	375233	53.89	ng		98
50) Dimethylphthalate	14.196	163	308953	52.17	ng	#	98
51) 2,6-Dinitrotoluene	14.313	165	68371	50.47	ng		96
52) Acenaphthene	14.813	154	289090m	57.40	ng		
53) 3-Nitroaniline	14.648	138	19660	14.80	ng		91
54) 2,4-Dinitrophenol	14.854	184	85741	112.55	ng		97
55) Dibenzofuran	15.148	168	350213	47.61	ng		97
56) 4-Nitrophenol	14.960	139	115101	107.33	ng	#	81
57) 2,4-Dinitrotoluene	15.101	165	97910	51.09	ng		93
58) Fluorene	15.794	166	297935	48.39	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	87625	49.38	ng		99
60) Diethylphthalate	15.559	149	306504	50.37	ng		97
61) 4-Chlorophenyl-phenyle...	15.782	204	166170	50.16	ng		95
62) 4-Nitroaniline	15.812	138	65306	47.00	ng		93
63) Azobenzene	16.076	77	278638	46.55	ng		99
65) 4,6-Dinitro-2-methylph...	15.865	198	61206	53.83	ng		98
66) n-Nitrosodiphenylamine	16.000	169	266318	49.47	ng		99
67) 4-Bromophenyl-phenylether	16.681	248	107783	51.39	ng		97
68) Hexachlorobenzene	16.799	284	112190	51.23	ng		96
69) Atrazine	16.946	200	115588	52.65	ng		96
70) Pentachlorophenol	17.145	266	149745	110.00	ng		93
71) Phenanthrene	17.545	178	477314	48.59	ng		98
72) Anthracene	17.633	178	490826	50.15	ng		97
73) Carbazole	17.903	167	432430	46.59	ng		97
74) Di-n-butylphthalate	18.456	149	520611	50.20	ng		97
75) Fluoranthene	19.554	202	580178	47.64	ng		99
77) Benzidine	19.731	184	206152	35.64	ng		99
78) Pyrene	19.919	202	574369	48.90	ng		98
80) Butylbenzylphthalate	20.794	149	226849	52.00	ng		93
81) Benzo(a)anthracene	21.781	228	567698	49.74	ng		100
82) 3,3'-Dichlorobenzidine	21.687	252	62705	15.99	ng		94
83) Chrysene	21.846	228	528009	48.48	ng		95
84) Bis(2-ethylhexyl)phtha...	21.675	149	319267	52.54	ng		98
85) Di-n-octyl phthalate	22.927	149	546812	51.62	ng		100
87) Indeno(1,2,3-cd)pyrene	28.979	276	628101	50.33	ng	#	92
88) Benzo(b)fluoranthene	24.078	252	560562	48.48	ng		97
89) Benzo(k)fluoranthene	24.149	252	521057	46.87	ng		98
90) Benzo(a)pyrene	24.983	252	502581	47.16	ng		98
91) Dibenzo(a,h)anthracene	29.055	278	527084	49.48	ng		99
92) Benzo(g,h,i)perylene	30.189	276	516961	49.55	ng		97

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

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