Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048022.D
Acq On : 27 Jan 2021 1:18
Operator : CG/JU
Sample : M1220-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 27 02:06:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SP1-BMS

Manual Integrations APPROVED
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1/27/2021 1:08:27 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.136	152	40776	20.00	ng		0.00
21) Naphthalene-d8	10.944	136	171072	20.00	ng		0.00
39) Acenaphthene-d10	14.751	164	140625	20.00	ng		0.00
64) Phenanthrene-d10	17.495	188	344081	20.00	ng	#	0.00
76) Chrysene-d12	21.773	240	352871	20.00	ng	#	0.00
86) Perylene-d12	25.057	264	361062	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.686	112	272903	102.86	ng		0.00
7) Phenol-d6	7.278	99	385694	95.61	ng		0.00
23) Nitrobenzene-d5	9.293	82	245736	56.84	ng		0.00
42) 2,4,6-Tribromophenol	16.238	330	209992	89.66	ng		0.00
45) 2-Fluorobiphenyl	13.376	172	563682	51.83	ng		0.00
79) Terphenyl-d14	20.092	244	986087	48.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.570	88	38671	32.70	ng	#	92
3) Pyridine	3.970	79	132367	37.28	ng		88
4) n-Nitrosodimethylamine	3.882	42	64122	39.09	ng	#	73
6) Aniline	7.448	93	47881	9.83	ng		97
8) 2-Chlorophenol	7.695	128	134743	48.52	ng		88
9) Benzaldehyde	7.260	77	86934	42.01	ng		84
10) Phenol	7.307	94	195284	50.50	ng		82
11) bis(2-Chloroethyl)ether	7.542	93	121411	40.09	ng		94
12) 1,3-Dichlorobenzene	8.018	146	131186	39.13	ng	#	91
13) 1,4-Dichlorobenzene	8.165	146	134555	40.04	ng	#	93
14) 1,2-Dichlorobenzene	8.488	146	130205	40.59	ng		92
15) Benzyl Alcohol	8.365	79	150953	44.23	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.658	45	156550	36.83	ng		93
17) 2-Methylphenol	8.564	107	123254	47.16	ng	#	87
18) Hexachloroethane	9.223	117	51053	38.94	ng		97
19) n-Nitroso-di-n-propyla...	8.935	70	117975	40.07	ng		97
20) 3+4-Methylphenols	8.893	107	170542	47.17	ng		87
22) Acetophenone	8.952	105	205989	39.07	ng		94
24) Nitrobenzene	9.334	77	174986	40.41	ng	#	84
25) Isophorone	9.863	82	322647	41.59	ng	#	93
26) 2-Nitrophenol	10.051	139	102231	57.38	ng	#	72
27) 2,4-Dimethylphenol	10.104	122	130466	50.40	ng		93
28) bis(2-Chloroethoxy)met...	10.339	93	181058	38.78	ng	#	94
29) 2,4-Dichlorophenol	10.586	162	177627	53.33	ng		96
30) 1,2,4-Trichlorobenzene	10.803	180	157988	39.23	ng		98
31) Naphthalene	10.997	128	400099	40.45	ng		99
33) 4-Chloroaniline	11.091	127	38369	8.49	ng	#	90
34) Hexachlorobutadiene	11.285	225	111768	39.08	ng		98
35) Caprolactam	11.866	113	58759	46.34	ng		97
36) 4-Chloro-3-methylphenol	12.207	107	189925	50.82	ng		89
37) 2-Methylnaphthalene	12.589	142	318291	42.60	ng	#	91
38) 1-Methylnaphthalene	12.807	142	302095m	42.39	ng		
40) 1,2,4,5-Tetrachloroben...	12.953	216	215314	40.16	ng	#	98
41) Hexachlorocyclopentadiene	12.936	237	262021	86.28	ng		98
43) 2,4,6-Trichlorophenol	13.188	196	186088	49.77	ng		99
44) 2,4,5-Trichlorophenol	13.259	196	195296	50.40	ng	#	94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.588	154	437698	40.26	ng		99
47)	2-Chloronaphthalene	13.635	162	361475	38.21	ng		98
48)	2-Nitroaniline	13.829	65	136268	39.68	ng	#	82
49)	Acenaphthylene	14.481	152	562175	40.26	ng		98
50)	Dimethylphthalate	14.205	163	529400	41.59	ng		98
51)	2,6-Dinitrotoluene	14.317	165	110551	41.78	ng	#	70
52)	Acenaphthene	14.816	154	344767	36.47	ng		98
53)	3-Nitroaniline	14.646	138	26264	9.05	ng	#	73
55)	Dibenzofuran	15.151	168	583768	40.72	ng		96
56)	4-Nitrophenol	14.945	139	172961	76.37	ng	#	59
57)	2,4-Dinitrotoluene	15.104	165	158950	41.60	ng	#	78
58)	Fluorene	15.797	166	483021	41.90	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.368	232	134681	34.76	ng	#	96
60)	Diethylphthalate	15.562	149	510748	39.03	ng		96
61)	4-Chlorophenyl-phenyle...	15.791	204	293413	41.56	ng		96
62)	4-Nitroaniline	15.809	138	109741	34.71	ng	#	63
63)	Azobenzene	16.079	77	491949	39.94	ng		91
65)	4,6-Dinitro-2-methylph...	15.868	198	7994	3.60	ng		92
66)	n-Nitrosodiphenylamine	16.003	169	445660	43.10	ng		98
67)	4-Bromophenyl-phenylether	16.679	248	197289	42.91	ng		96
68)	Hexachlorobenzene	16.802	284	208060	41.61	ng		99
69)	Atrazine	16.943	200	161480	41.11	ng		98
70)	Pentachlorophenol	17.143	266	25505	8.40	ng		96
71)	Phenanthrene	17.536	178	811801	40.89	ng		97
72)	Anthracene	17.630	178	820631	42.03	ng		98
73)	Carbazole	17.895	167	720421	39.54	ng		100
74)	Di-n-butylphthalate	18.447	149	813311	36.56	ng	#	97
75)	Fluoranthene	19.540	202	1007190	38.70	ng		97
77)	Benzidine	19.710	184	91024	8.94	ng		98
78)	Pyrene	19.898	202	1008943	39.04	ng		98
80)	Butylbenzylphthalate	20.780	149	365763	37.06	ng		90
81)	Benzo(a)anthracene	21.749	228	1044408	40.73	ng		99
82)	3,3'-Dichlorobenzidine	21.661	252	106729	12.35	ng	#	90
83)	Chrysene	21.820	228	998157	40.96	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.655	149	528462	39.09	ng		97
85)	Di-n-octyl phthalate	22.895	149	906199	40.08	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.817	276	1246668	42.93	ng	#	89
88)	Benzo(b)fluoranthene	24.017	252	1074461	41.87	ng	#	98
89)	Benzo(k)fluoranthene	24.087	252	1043524	41.85	ng	#	97
90)	Benzo(a)pyrene	24.904	252	996735	41.36	ng	#	96
91)	Dibenzo(a,h)anthracene	28.888	278	1031116	43.02	ng	#	95
92)	Benzo(g,h,i)perylene	29.992	276	1014555	43.94	ng	#	93

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

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