Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012721\
Data File : BG048029.D
Acq On : 27 Jan 2021 14:28
Operator : CG/JU
Sample : PB134351BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134351BSD

Manual Integrations APPROVED
mohammad
1/28/2021 11:46:33 AM

Quant Time: Jan 27 15:55:39 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.127	152	44456	20.00	ng		0.00
21) Naphthalene-d8	10.942	136	168721	20.00	ng		0.00
39) Acenaphthene-d10	14.749	164	120763	20.00	ng		0.00
64) Phenanthrene-d10	17.493	188	302887	20.00	ng		# 0.00
76) Chrysene-d12	21.770	240	334936	20.00	ng		# 0.00
86) Perylene-d12	25.049	264	337477	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.683	112	363841	125.78	ng		0.00
7) Phenol-d6	7.275	99	496202	112.82	ng		0.00
23) Nitrobenzene-d5	9.291	82	291463	68.35	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	223432	111.09	ng		0.00
45) 2-Fluorobiphenyl	13.374	172	640202	68.54	ng		-0.01
79) Terphenyl-d14	20.090	244	1239859	64.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.562	88	51548	39.98	ng		97
3) Pyridine	3.962	79	154731	39.98	ng		90
4) n-Nitrosodimethylamine	3.873	42	78169	43.71	ng	#	86
6) Aniline	7.446	93	170774	32.14	ng		95
8) 2-Chlorophenol	7.687	128	140191	46.30	ng		93
9) Benzaldehyde	7.258	77	23694	10.50	ng	#	82
10) Phenol	7.305	94	194959	46.25	ng		77
11) bis(2-Chloroethyl)ether	7.540	93	144068	43.63	ng		95
12) 1,3-Dichlorobenzene	8.016	146	156323	42.77	ng	#	88
13) 1,4-Dichlorobenzene	8.163	146	158716	43.32	ng		95
14) 1,2-Dichlorobenzene	8.480	146	148230m	42.39	ng		
15) Benzyl Alcohol	8.362	79	156575	42.08	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.650	45	178011	38.42	ng		93
17) 2-Methylphenol	8.556	107	126136	44.27	ng	#	88
18) Hexachloroethane	9.214	117	59593	41.69	ng		95
19) n-Nitroso-di-n-propyla...	8.932	70	123405	38.44	ng		97
20) 3+4-Methylphenols	8.885	107	172594	43.78	ng		91
22) Acetophenone	8.950	105	222812	42.85	ng	#	94
24) Nitrobenzene	9.332	77	187729	43.96	ng	#	87
25) Isophorone	9.855	82	321044	41.96	ng	#	93
26) 2-Nitrophenol	10.043	139	82879	47.17	ng	#	74
27) 2,4-Dimethylphenol	10.096	122	132016	51.71	ng		85
28) bis(2-Chloroethoxy)met...	10.336	93	188951	41.04	ng		96
29) 2,4-Dichlorophenol	10.577	162	153909	46.85	ng		94
30) 1,2,4-Trichlorobenzene	10.801	180	173442	43.67	ng		97
31) Naphthalene	10.995	128	425284	43.59	ng		99
32) Benzoic acid	10.225	122	94252	41.22	ng	#	75
33) 4-Chloroaniline	11.089	127	87644	19.66	ng	#	92
34) Hexachlorobutadiene	11.277	225	122319	43.36	ng		97
35) Caprolactam	11.858	113	47358m	37.87	ng		
36) 4-Chloro-3-methylphenol	12.199	107	154085	41.80	ng		88
37) 2-Methylnaphthalene	12.587	142	311145	42.23	ng	#	92
38) 1-Methylnaphthalene	12.804	142	291640	41.49	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.951	216	209325	45.47	ng	#	98
41) Hexachlorocyclopentadiene	12.933	237	288633	110.68	ng		98
43) 2,4,6-Trichlorophenol	13.180	196	140921	43.89	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	147659	44.37	ng	#	95
46) 1,1'-Biphenyl	13.586	154	409359	43.85	ng		97
47) 2-Chloronaphthalene	13.627	162	336236	41.38	ng		98
48) 2-Nitroaniline	13.821	65	115983	39.33	ng	#	78
49) Acenaphthylene	14.473	152	509448	42.48	ng		98
50) Dimethylphthalate	14.203	163	431492	39.48	ng		98
51) 2,6-Dinitrotoluene	14.314	165	97165	42.76	ng	#	73
52) Acenaphthene	14.814	154	387796m	47.77	ng		
53) 3-Nitroaniline	14.643	138	68939	27.66	ng	#	80
54) 2,4-Dinitrophenol	14.849	184	135892	95.65	ng	#	73
55) Dibenzofuran	15.148	168	512293	41.61	ng		98
56) 4-Nitrophenol	14.943	139	167883	86.32	ng	#	59
57) 2,4-Dinitrotoluene	15.101	165	138149	42.10	ng	#	81
58) Fluorene	15.795	166	416516	42.08	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.366	232	142983	42.97	ng		97
60) Diethylphthalate	15.560	149	438893	39.06	ng		95
61) 4-Chlorophenyl-phenyle...	15.783	204	248148	40.93	ng		98
62) 4-Nitroaniline	15.801	138	97952	36.08	ng	#	72
63) Azobenzene	16.077	77	419541	39.66	ng		90
65) 4,6-Dinitro-2-methylph...	15.859	198	100220	51.27	ng		90
66) n-Nitrosodiphenylamine	15.995	169	381192	41.88	ng		99
67) 4-Bromophenyl-phenylether	16.682	248	170250	42.06	ng		97
68) Hexachlorobenzene	16.799	284	177732	40.38	ng		97
69) Atrazine	16.940	200	136922	39.60	ng		97
70) Pentachlorophenol	17.134	266	250955	93.90	ng		99
71) Phenanthrene	17.534	178	731323	41.85	ng		97
72) Anthracene	17.628	178	745239	43.36	ng		97
73) Carbazole	17.886	167	680433	42.42	ng		98
74) Di-n-butylphthalate	18.445	149	784476	40.05	ng	#	98
75) Fluoranthene	19.537	202	998745	43.59	ng		97
77) Benzidine	19.708	184	270488	27.99	ng		97
78) Pyrene	19.896	202	1000474	40.79	ng		98
80) Butylbenzylphthalate	20.777	149	374627	39.99	ng		92
81) Benzo(a)anthracene	21.747	228	1023526	42.05	ng		100
82) 3,3'-Dichlorobenzidine	21.658	252	278917	34.00	ng		97
83) Chrysene	21.817	228	977839	42.28	ng		98
84) Bis(2-ethylhexyl)phtha...	21.653	149	539727	42.06	ng		95
85) Di-n-octyl phthalate	22.892	149	905782	42.20	ng		97
87) Indeno(1,2,3-cd)pyrene	28.809	276	1199665	44.19	ng	#	89
88) Benzo(b)fluoranthene	24.009	252	1069700	44.60	ng	#	97
89) Benzo(k)fluoranthene	24.079	252	1023900	43.93	ng	#	97
90) Benzo(a)pyrene	24.902	252	952355	42.28	ng	#	97
91) Dibenzo(a,h)anthracene	28.879	278	992172	44.29	ng	#	95
92) Benzo(g,h,i)perylene	29.984	276	991234	45.93	ng	#	94

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

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