Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012521\
Data File : BG047995.D
Acq On : 25 Jan 2021 18:15
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 25 18:58:22 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 18:02:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	42682	20.00	ng		0.00
21) Naphthalene-d8	10.950	136	165298	20.00	ng		0.00
39) Acenaphthene-d10	14.757	164	125586	20.00	ng		0.00
64) Phenanthrene-d10	17.495	188	321130	20.00	ng		0.00
76) Chrysene-d12	21.778	240	317381	20.00	ng	#	0.00
86) Perylene-d12	25.068	264	323105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	302165	115.46	ng		0.00
7) Phenol-d6	7.283	99	473115	119.76	ng		0.00
23) Nitrobenzene-d5	9.299	82	484667	128.93	ng		0.00
42) 2,4,6-Tribromophenol	16.243	330	253842	126.30	ng		0.00
45) 2-Fluorobiphenyl	13.382	172	1084279	115.30	ng		0.00
79) Terphenyl-d14	20.098	244	1986760	115.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	65915	50.98	ng	#	93
3) Pyridine	3.975	79	207886	57.28	ng		91
4) n-Nitrosodimethylamine	3.881	42	96863	53.19	ng	#	76
6) Aniline	7.454	93	287105	60.89	ng		95
8) 2-Chlorophenol	7.694	128	160950	59.75	ng		90
9) Benzaldehyde	7.266	77	117585	48.23	ng		86
10) Phenol	7.307	94	226503	60.55	ng		79
11) bis(2-Chloroethyl)ether	7.548	93	175458	59.61	ng		97
12) 1,3-Dichlorobenzene	8.024	146	191928	56.02	ng	#	91
13) 1,4-Dichlorobenzene	8.170	146	191381	55.71	ng		96
14) 1,2-Dichlorobenzene	8.494	146	181351	54.99	ng		94
15) Benzyl Alcohol	8.364	79	203820	61.76	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.658	45	239950	48.18	ng		95
17) 2-Methylphenol	8.564	107	152571	61.05	ng	#	88
18) Hexachloroethane	9.222	117	76467	59.21	ng		87
19) n-Nitroso-di-n-propyla...	8.940	70	170806	61.09	ng	#	93
20) 3+4-Methylphenols	8.893	107	214224	62.44	ng		91
22) Acetophenone	8.958	105	290705	59.58	ng	#	95
24) Nitrobenzene	9.340	77	242253	63.82	ng	#	86
25) Isophorone	9.868	82	433898	61.45	ng		96
26) 2-Nitrophenol	10.051	139	102422	72.26	ng	#	75
27) 2,4-Dimethylphenol	10.103	122	143720	60.90	ng		87
28) bis(2-Chloroethoxy)met...	10.344	93	259643	61.83	ng		95
29) 2,4-Dichlorophenol	10.591	162	190403	64.68	ng		95
30) 1,2,4-Trichlorobenzene	10.809	180	226393	60.14	ng		98
31) Naphthalene	11.002	128	553199	60.39	ng		99
32) Benzoic acid	10.250	122	146206	84.39	ng	#	72
33) 4-Chloroaniline	11.096	127	258631	63.81	ng	#	91
34) Hexachlorobutadiene	11.284	225	161978	57.74	ng		98
35) Caprolactam	11.884	113	73525	66.30	ng		96
36) 4-Chloro-3-methylphenol	12.207	107	214198	65.38	ng		85
37) 2-Methylnaphthalene	12.595	142	422557	60.78	ng	#	91
38) 1-Methylnaphthalene	12.812	142	398888	61.29	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.959	216	276295	57.64	ng		98
41) Hexachlorocyclopentadiene	12.941	237	164218	64.11	ng		98
43) 2,4,6-Trichlorophenol	13.188	196	198105	64.71	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.259	196	209276	66.74	ng	#	93
46) 1,1'-Biphenyl	13.593	154	554760	57.94	ng		99
47) 2-Chloronaphthalene	13.635	162	483740	62.37	ng		96
48) 2-Nitroaniline	13.834	65	183728	67.84	ng	#	79
49) Acenaphthylene	14.481	152	711462	58.48	ng		99
50) Dimethylphthalate	14.210	163	654775	59.97	ng		99
51) 2,6-Dinitrotoluene	14.322	165	141802	67.47	ng	#	72
52) Acenaphthene	14.821	154	496892	61.59	ng		96
53) 3-Nitroaniline	14.651	138	153195	66.80	ng		84
54) 2,4-Dinitrophenol	14.857	184	98255	81.60	ng	#	79
55) Dibenzofuran	15.156	168	732507	61.06	ng		96
56) 4-Nitrophenol	14.945	139	120981	67.57	ng	#	56
57) 2,4-Dinitrotoluene	15.109	165	205259	69.61	ng	#	80
58) Fluorene	15.803	166	590350	57.96	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.374	232	208895m	64.16	ng		
60) Diethylphthalate	15.568	149	672705	62.82	ng		96
61) 4-Chlorophenyl-phenyle...	15.791	204	371893	61.07	ng		98
62) 4-Nitroaniline	15.814	138	166361	65.90	ng	#	68
63) Azobenzene	16.085	77	623372	59.39	ng		92
65) 4,6-Dinitro-2-methylph...	15.873	198	127438	78.78	ng		89
66) n-Nitrosodiphenylamine	16.002	169	550214	58.70	ng		99
67) 4-Bromophenyl-phenylether	16.684	248	251811	59.12	ng		95
68) Hexachlorobenzene	16.801	284	267102	59.09	ng		93
69) Atrazine	16.948	200	211739	60.54	ng		98
70) Pentachlorophenol	17.142	266	174620	67.06	ng		96
71) Phenanthrene	17.542	178	1033805	59.53	ng		99
72) Anthracene	17.630	178	1018094	59.88	ng		98
73) Carbazole	17.894	167	942115	60.74	ng		98
74) Di-n-butylphthalate	18.452	149	1132777	61.35	ng	#	98
75) Fluoranthene	19.545	202	1310385	56.69	ng		97
77) Benzidine	19.716	184	487043	59.98	ng		98
78) Pyrene	19.904	202	1304750	60.76	ng		98
80) Butylbenzylphthalate	20.785	149	508011	66.77	ng		89
81) Benzo(a)anthracene	21.755	228	1303184	59.45	ng		100
82) 3,3'-Dichlorobenzidine	21.666	252	453315	59.77	ng		99
83) Chrysene	21.825	228	1231966	58.68	ng		98
84) Bis(2-ethylhexyl)phtha...	21.660	149	699101	64.66	ng		98
85) Di-n-octyl phthalate	22.900	149	1169773	64.58	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.834	276	1498649	60.61	ng	#	89
88) Benzo(b)fluoranthene	24.022	252	1317374	61.28	ng	#	97
89) Benzo(k)fluoranthene	24.093	252	1256605	60.19	ng	#	98
90) Benzo(a)pyrene	24.915	252	1234700	60.97	ng	#	98
91) Dibenzo(a,h)anthracene	28.905	278	1231940	61.09	ng	#	95
92) Benzo(g,h,i)perylene	30.010	276	1193240	60.53	ng	#	94

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

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