Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
Data File : BG048390.D
Acq On : 16 Mar 2021 14:09
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:21 AM

Quant Time: Mar 16 14:53:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 14:17:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	59929	20.00	ng	#	0.00
21) Naphthalene-d8	10.936	136	209099	20.00	ng	#	0.00
39) Acenaphthene-d10	14.755	164	148921	20.00	ng		0.00
64) Phenanthrene-d10	17.505	188	368354	20.00	ng	#	0.00
76) Chrysene-d12	21.800	240	374683	20.00	ng	#	0.00
86) Perylene-d12	25.137	264	385090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.660	112	395260	112.27	ng		0.00
7) Phenol-d6	7.258	99	583582	109.10	ng		0.00
23) Nitrobenzene-d5	9.285	82	582731	117.89	ng		0.00
42) 2,4,6-Tribromophenol	16.242	330	237950	99.90	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	1188913	111.92	ng		0.00
79) Terphenyl-d14	20.114	244	2094346	102.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.539	88	90862	56.32	ng	#	94
3) Pyridine	3.945	79	257494	57.73	ng		91
4) n-Nitrosodimethylamine	3.856	42	147306	62.21	ng	#	63
6) Aniline	7.435	93	345555	54.07	ng	#	90
8) 2-Chlorophenol	7.676	128	200142	51.76	ng		84
9) Benzaldehyde	7.247	77	158909	41.94	ng	#	79
10) Phenol	7.288	94	293865	54.33	ng	#	68
11) bis(2-Chloroethyl)ether	7.529	93	213790	50.74	ng		93
12) 1,3-Dichlorobenzene	8.005	146	243239	54.45	ng	#	88
13) 1,4-Dichlorobenzene	8.151	146	246666	54.75	ng	#	93
14) 1,2-Dichlorobenzene	8.475	146	231570m	54.05	ng		
15) Benzyl Alcohol	8.351	79	260367	55.23	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.639	45	253889	46.47	ng		89
17) 2-Methylphenol	8.545	107	185971	52.73	ng	#	82
18) Hexachloroethane	9.209	117	92288	53.73	ng		96
19) n-Nitroso-di-n-propyla...	8.927	70	221252	53.59	ng	#	95
20) 3+4-Methylphenols	8.880	107	259835	52.87	ng		84
22) Acetophenone	8.939	105	339137	56.50	ng	#	90
24) Nitrobenzene	9.327	77	312475	59.24	ng	#	83
25) Isophorone	9.849	82	582407	59.41	ng	#	89
26) 2-Nitrophenol	10.037	139	103305	47.35	ng	#	61
27) 2,4-Dimethylphenol	10.090	122	187666	59.76	ng	#	85
28) bis(2-Chloroethoxy)met...	10.331	93	256475	53.52	ng		96
29) 2,4-Dichlorophenol	10.572	162	213633	53.19	ng		92
30) 1,2,4-Trichlorobenzene	10.795	180	255424	55.94	ng		93
31) Naphthalene	10.989	128	645182	55.89	ng		98
32) Benzoic acid	10.225	122	134986	70.17	ng	#	87
33) 4-Chloroaniline	11.089	127	280415	56.00	ng	#	88
34) Hexachlorobutadiene	11.271	225	204130	59.77	ng		97
35) Caprolactam	11.871	113	72361	54.39	ng		91
36) 4-Chloro-3-methylphenol	12.200	107	250072	56.32	ng		85
37) 2-Methylnaphthalene	12.587	142	490165	54.62	ng	#	91
38) 1-Methylnaphthalene	12.805	142	463235	54.56	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.952	216	318234	59.83	ng	#	98
41) Hexachlorocyclopentadiene	12.934	237	192448	59.33	ng		97
43) 2,4,6-Trichlorophenol	13.181	196	209923	54.92	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	223646	54.25	ng	#	91
46) 1,1'-Biphenyl	13.592	154	612370	57.40	ng		99
47) 2-Chloronaphthalene	13.633	162	495800	54.61	ng	#	93
48) 2-Nitroaniline	13.827	65	177626	54.51	ng	#	70
49) Acenaphthylene	14.479	152	787903	56.10	ng		98
50) Dimethylphthalate	14.203	163	673481	54.09	ng		99
51) 2,6-Dinitrotoluene	14.321	165	143206	51.18	ng	#	50
52) Acenaphthene	14.820	154	529419	55.68	ng		100
53) 3-Nitroaniline	14.656	138	140409	51.09	ng	#	77
54) 2,4-Dinitrophenol	14.849	184	78991	43.36	ng	#	72
55) Dibenzofuran	15.155	168	788819	53.05	ng		92
56) 4-Nitrophenol	14.943	139	119535	53.06	ng	#	38
57) 2,4-Dinitrotoluene	15.108	165	198599	49.13	ng	#	65
58) Fluorene	15.801	166	657716	55.76	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.372	232	215025	52.08	ng	#	94
60) Diethylphthalate	15.566	149	660720	51.90	ng		95
61) 4-Chlorophenyl-phenyle...	15.795	204	386641	54.44	ng		96
62) 4-Nitroaniline	15.819	138	149096	52.16	ng	#	41
63) Azobenzene	16.089	77	744613	58.61	ng		86
65) 4,6-Dinitro-2-methylph...	15.872	198	115181	43.08	ng		91
66) n-Nitrosodiphenylamine	16.007	169	610756	57.33	ng		98
67) 4-Bromophenyl-phenylether	16.689	248	242311	51.31	ng		94
68) Hexachlorobenzene	16.806	284	271344	55.70	ng	#	95
69) Atrazine	16.953	200	228683	51.62	ng		99
70) Pentachlorophenol	17.147	266	180886	56.46	ng		98
71) Phenanthrene	17.546	178	1072449	53.61	ng		99
72) Anthracene	17.640	178	1057990	53.27	ng		100
73) Carbazole	17.905	167	1000499	53.26	ng		97
74) Di-n-butylphthalate	18.463	149	1101875	52.93	ng	#	97
75) Fluoranthene	19.556	202	1398908	53.72	ng		97
77) Benzidine	19.732	184	528654	43.18	ng		98
78) Pyrene	19.920	202	1405096	53.69	ng		99
80) Butylbenzylphthalate	20.801	149	492476	53.74	ng	#	83
81) Benzo(a)anthracene	21.777	228	1434865	54.90	ng		99
82) 3,3'-Dichlorobenzidine	21.689	252	509178	54.39	ng	#	98
83) Chrysene	21.847	228	1367340	54.76	ng		99
84) Bis(2-ethylhexyl)phtha...	21.683	149	720775	55.99	ng		96
85) Di-n-octyl phthalate	22.946	149	1224685	55.87	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.974	276	1726964	59.18	ng	#	84
88) Benzo(b)fluoranthene	24.080	252	1526268	57.32	ng	#	96
89) Benzo(k)fluoranthene	24.150	252	1460256	57.49	ng	#	97
90) Benzo(a)pyrene	24.985	252	1412089	57.18	ng	#	96
91) Dibenzo(a,h)anthracene	29.050	278	1458797	58.61	ng	#	93
92) Benzo(g,h,i)perylene	30.173	276	1417960	58.62	ng	#	93

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

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