Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012521\
Data File : BG047992.D
Acq On : 25 Jan 2021 16:14
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
1/27/2021 1:07:38 PM

Quant Time: Jan 25 18:04:55 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	38733	20.00	ng		0.00
21) Naphthalene-d8	10.949	136	151754	20.00	ng		0.00
39) Acenaphthene-d10	14.757	164	117862	20.00	ng		0.00
64) Phenanthrene-d10	17.495	188	299631	20.00	ng		0.00
76) Chrysene-d12	21.772	240	317355	20.00	ng		# 0.00
86) Perylene-d12	25.062	264	317971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.685	112	97113	40.89	ng		0.00
7) Phenol-d6	7.277	99	148779	41.50	ng		0.00
23) Nitrobenzene-d5	9.293	82	151167	43.80	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	72533	38.46	ng		0.00
45) 2-Fluorobiphenyl	13.382	172	345239	39.12	ng		0.00
79) Terphenyl-d14	20.098	244	740927	43.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.576	88	21388	18.23	ng		96
3) Pyridine	3.975	79	64626	19.62	ng		87
4) n-Nitrosodimethylamine	3.887	42	30276	18.32	ng		87
6) Aniline	7.448	93	91245	21.32	ng		95
8) 2-Chlorophenol	7.694	128	50996	20.86	ng		87
9) Benzaldehyde	7.266	77	38673	17.48	ng		85
10) Phenol	7.301	94	70953	20.90	ng		78
11) bis(2-Chloroethyl)ether	7.542	93	56162	21.03	ng		97
12) 1,3-Dichlorobenzene	8.024	146	62543	20.12	ng	#	91
13) 1,4-Dichlorobenzene	8.170	146	61539	19.74	ng		97
14) 1,2-Dichlorobenzene	8.488	146	58138	19.42	ng		94
15) Benzyl Alcohol	8.364	79	62039	20.71	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.664	45	78463	17.36	ng		94
17) 2-Methylphenol	8.558	107	47672	21.02	ng	#	88
18) Hexachloroethane	9.228	117	24054	20.53	ng		86
19) n-Nitroso-di-n-propyla...	8.934	70	54166	21.35	ng	#	96
20) 3+4-Methylphenols	8.887	107	66226	21.27	ng		93
22) Acetophenone	8.952	105	90788	20.27	ng	#	96
24) Nitrobenzene	9.340	77	76866	22.06	ng	#	83
25) Isophorone	9.863	82	132920	20.51	ng		94
26) 2-Nitrophenol	10.051	139	28768	22.11	ng	#	81
27) 2,4-Dimethylphenol	10.103	122	44218	20.41	ng		91
28) bis(2-Chloroethoxy)met...	10.344	93	79447	20.61	ng		97
29) 2,4-Dichlorophenol	10.585	162	57743	21.36	ng		97
30) 1,2,4-Trichlorobenzene	10.808	180	69067	19.99	ng		97
31) Naphthalene	10.996	128	170626	20.29	ng		100
32) Benzoic acid	10.192	122	39105	24.58	ng		87
33) 4-Chloroaniline	11.096	127	79551	21.38	ng	#	92
34) Hexachlorobutadiene	11.284	225	48431	18.80	ng		94
35) Caprolactam	11.848	113	21906	21.52	ng		91
36) 4-Chloro-3-methylphenol	12.201	107	65403	21.74	ng		86
37) 2-Methylnaphthalene	12.595	142	129006	20.21	ng	#	93
38) 1-Methylnaphthalene	12.812	142	121146m	20.28	ng		
40) 1,2,4,5-Tetrachloroben...	12.953	216	83971	18.66	ng		97
41) Hexachlorocyclopentadiene	12.941	237	46832	19.48	ng		94
43) 2,4,6-Trichlorophenol	13.188	196	59767	20.80	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.259	196	60897	20.69	ng	#	96
46)	1,1'-Biphenyl	13.593	154	169797	18.90	ng		98
47)	2-Chloronaphthalene	13.635	162	148540	20.41	ng		98
48)	2-Nitroaniline	13.828	65	53609	21.09	ng	#	80
49)	Acenaphthylene	14.481	152	222212	19.46	ng		98
50)	Dimethylphthalate	14.204	163	205848	20.09	ng		97
51)	2,6-Dinitrotoluene	14.316	165	42195	21.39	ng	#	66
52)	Acenaphthene	14.821	154	147722	19.51	ng		94
53)	3-Nitroaniline	14.645	138	44046	20.46	ng	#	71
54)	2,4-Dinitrophenol	14.845	184	26716	23.64	ng	#	69
55)	Dibenzofuran	15.150	168	232037	20.61	ng		99
56)	4-Nitrophenol	14.939	139	36728	21.86	ng	#	53
57)	2,4-Dinitrotoluene	15.103	165	61334	22.16	ng	#	77
58)	Fluorene	15.803	166	184674	19.32	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.374	232	60428	19.78	ng	#	94
60)	Diethylphthalate	15.562	149	213915	21.29	ng		93
61)	4-Chlorophenyl-phenyle...	15.791	204	110480	19.33	ng		100
62)	4-Nitroaniline	15.803	138	52839	22.30	ng	#	68
63)	Azobenzene	16.085	77	197118	20.01	ng		93
65)	4,6-Dinitro-2-methylph...	15.867	198	35883	23.77	ng		97
66)	n-Nitrosodiphenylamine	16.002	169	173076	19.79	ng		99
67)	4-Bromophenyl-phenylether	16.684	248	73991	18.62	ng		93
68)	Hexachlorobenzene	16.801	284	83239	19.74	ng		97
69)	Atrazine	16.942	200	68012	20.84	ng		98
70)	Pentachlorophenol	17.142	266	49430	20.34	ng		96
71)	Phenanthrene	17.542	178	338733	20.91	ng		96
72)	Anthracene	17.630	178	333214	21.00	ng		98
73)	Carbazole	17.894	167	316929	21.90	ng		97
74)	Di-n-butylphthalate	18.452	149	389283	22.60	ng	#	98
75)	Fluoranthene	19.539	202	456229	21.15	ng		96
77)	Benzidine	19.716	184	195791	24.11	ng		97
78)	Pyrene	19.898	202	464460	21.63	ng		96
80)	Butylbenzylphthalate	20.785	149	173531	22.81	ng		93
81)	Benzo(a)anthracene	21.754	228	449785	20.52	ng		99
82)	3,3'-Dichlorobenzidine	21.666	252	151161	19.93	ng		94
83)	Chrysene	21.819	228	429787	20.47	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.660	149	240626	22.26	ng		94
85)	Di-n-octyl phthalate	22.906	149	396712	21.90	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.811	276	483096	19.85	ng	#	90
88)	Benzo(b)fluoranthene	24.017	252	430453	20.35	ng	#	96
89)	Benzo(k)fluoranthene	24.087	252	420193	20.45	ng	#	96
90)	Benzo(a)pyrene	24.910	252	404658	20.31	ng	#	97
91)	Dibenzo(a,h)anthracene	28.887	278	396357	19.97	ng	#	96
92)	Benzo(g,h,i)perylene	29.986	276	383290	19.76	ng	#	94

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

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