Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020321\
Data File : BG048094.D
Acq On : 3 Feb 2021 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/4/2021 11:08:03 AM

Quant Time: Feb 03 17:37:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 02 15:30:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.118	152	47956	20.00	ng		0.00
21) Naphthalene-d8	10.932	136	182380	20.00	ng		0.00
39) Acenaphthene-d10	14.739	164	132021	20.00	ng		0.00
64) Phenanthrene-d10	17.483	188	316692	20.00	ng		0.00
76) Chrysene-d12	21.761	240	313481	20.00	ng	#	0.00
86) Perylene-d12	25.033	264	327126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.668	112	255064	81.74	ng		0.00
7) Phenol-d6	7.266	99	376231	79.30	ng		0.00
23) Nitrobenzene-d5	9.281	82	387438	84.06	ng		0.00
42) 2,4,6-Tribromophenol	16.226	330	187955	85.48	ng		0.00
45) 2-Fluorobiphenyl	13.365	172	862057	84.42	ng		0.00
79) Terphenyl-d14	20.080	244	1466314	81.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	56792	40.83	ng	#	94
3) Pyridine	3.964	79	173738	41.61	ng		92
4) n-Nitrosodimethylamine	3.870	42	81685	42.34	ng	#	74
6) Aniline	7.436	93	219766	38.35	ng		93
8) 2-Chlorophenol	7.677	128	131093	40.13	ng		91
9) Benzaldehyde	7.248	77	96046	39.47	ng		86
10) Phenol	7.289	94	180971	39.79	ng		77
11) bis(2-Chloroethyl)ether	7.530	93	142501	40.01	ng		97
12) 1,3-Dichlorobenzene	8.006	146	161323	40.92	ng	#	92
13) 1,4-Dichlorobenzene	8.153	146	162060	41.01	ng		95
14) 1,2-Dichlorobenzene	8.476	146	154023	40.83	ng		94
15) Benzyl Alcohol	8.347	79	158137	39.40	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.635	45	190774	38.17	ng		94
17) 2-Methylphenol	8.547	107	118809	38.65	ng	#	85
18) Hexachloroethane	9.211	117	65075	42.20	ng		92
19) n-Nitroso-di-n-propyla...	8.923	70	132676	38.31	ng		96
20) 3+4-Methylphenols	8.876	107	164194	38.61	ng		87
22) Acetophenone	8.935	105	231192	41.13	ng		94
24) Nitrobenzene	9.322	77	194586	42.15	ng	#	83
25) Isophorone	9.845	82	327559	39.60	ng	#	94
26) 2-Nitrophenol	10.033	139	80480	42.37	ng	#	69
27) 2,4-Dimethylphenol	10.086	122	109733	39.76	ng	#	82
28) bis(2-Chloroethoxy)met...	10.327	93	203069	40.80	ng		97
29) 2,4-Dichlorophenol	10.568	162	150104	42.27	ng		96
30) 1,2,4-Trichlorobenzene	10.791	180	181585	42.30	ng		99
31) Naphthalene	10.979	128	428810	40.66	ng		98
32) Benzoic acid	10.221	122	98321	39.78	ng	#	64
33) 4-Chloroaniline	11.079	127	191204	39.67	ng	#	91
34) Hexachlorobutadiene	11.267	225	137147	44.98	ng		100
35) Caprolactam	11.855	113	49606	36.70	ng		94
36) 4-Chloro-3-methylphenol	12.190	107	155317	38.98	ng		91
37) 2-Methylnaphthalene	12.577	142	326338	40.97	ng	#	92
38) 1-Methylnaphthalene	12.795	142	304319m	40.05	ng		
40) 1,2,4,5-Tetrachloroben...	12.942	216	217366	43.19	ng	#	95
41) Hexachlorocyclopentadiene	12.924	237	136680	47.94	ng		94
43) 2,4,6-Trichlorophenol	13.177	196	153303	43.67	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.241	196	156124	42.92	ng	#	91
46) 1,1'-Biphenyl	13.576	154	424980	41.64	ng		99
47) 2-Chloronaphthalene	13.623	162	368725	41.51	ng		96
48) 2-Nitroaniline	13.817	65	131500	40.79	ng	#	82
49) Acenaphthylene	14.463	152	528195	40.29	ng		99
50) Dimethylphthalate	14.187	163	485854	40.66	ng		98
51) 2,6-Dinitrotoluene	14.305	165	101185	40.73	ng	#	68
52) Acenaphthene	14.804	154	367825	41.45	ng		95
53) 3-Nitroaniline	14.634	138	105890	38.86	ng	#	79
54) 2,4-Dinitrophenol	14.839	184	71806	46.23	ng	#	73
55) Dibenzofuran	15.139	168	545445	40.52	ng		98
56) 4-Nitrophenol	14.933	139	83936	39.48	ng	#	56
57) 2,4-Dinitrotoluene	15.092	165	145143	40.46	ng	#	76
58) Fluorene	15.785	166	440050	40.66	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.356	232	148928	40.94	ng	#	95
60) Diethylphthalate	15.550	149	484902	39.47	ng		96
61) 4-Chlorophenyl-phenyle...	15.774	204	277143	41.82	ng		99
62) 4-Nitroaniline	15.797	138	114007	38.41	ng	#	62
63) Azobenzene	16.067	77	448406	38.78	ng		90
65) 4,6-Dinitro-2-methylph...	15.856	198	89248	43.67	ng		87
66) n-Nitrosodiphenylamine	15.985	169	394521	41.45	ng		97
67) 4-Bromophenyl-phenylether	16.667	248	184283	43.55	ng		96
68) Hexachlorobenzene	16.790	284	198238	43.08	ng		97
69) Atrazine	16.931	200	148314	41.03	ng		98
70) Pentachlorophenol	17.125	266	121374	43.43	ng		99
71) Phenanthrene	17.524	178	741860	40.60	ng		97
72) Anthracene	17.618	178	731012	40.68	ng		97
73) Carbazole	17.883	167	655468	39.09	ng		99
74) Di-n-butylphthalate	18.435	149	791149	38.63	ng	#	98
75) Fluoranthene	19.528	202	947174	39.54	ng		97
77) Benzidine	19.704	184	337722	37.35	ng		97
78) Pyrene	19.886	202	947946	41.29	ng		98
80) Butylbenzylphthalate	20.768	149	351433	40.08	ng		91
81) Benzo(a)anthracene	21.737	228	938837	41.21	ng		98
82) 3,3'-Dichlorobenzidine	21.649	252	325169	42.36	ng	#	95
83) Chrysene	21.808	228	895489	41.37	ng		99
84) Bis(2-ethylhexyl)phtha...	21.637	149	486275	40.49	ng		96
85) Di-n-octyl phthalate	22.871	149	834982	41.57	ng		97
87) Indeno(1,2,3-cd)pyrene	28.776	276	1095022	41.62	ng	#	90
88) Benzo(b)fluoranthene	23.993	252	965897	41.54	ng	#	96
89) Benzo(k)fluoranthene	24.064	252	915374	40.52	ng	#	97
90) Benzo(a)pyrene	24.881	252	902448	41.33	ng	#	97
91) Dibenzo(a,h)anthracene	28.835	278	891937	41.07	ng	#	96
92) Benzo(g,h,i)perylene	29.951	276	873213	41.75	ng	#	94

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

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