Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021121\
Data File : BG048137.D
Acq On : 11 Feb 2021 15:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/12/2021 11:23:32 AM

Quant Time: Feb 11 16:51:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 17:26:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.104	152	44659	20.00	ng	#	0.00
21) Naphthalene-d8	10.919	136	178084	20.00	ng	#	0.00
39) Acenaphthene-d10	14.726	164	137127	20.00	ng		0.00
64) Phenanthrene-d10	17.470	188	356456	20.00	ng	#	0.00
76) Chrysene-d12	21.741	240	358639	20.00	ng	#	0.00
86) Perylene-d12	25.002	264	368866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.654	112	207173	78.96	ng		0.00
7) Phenol-d6	7.252	99	316143	79.31	ng		0.00
23) Nitrobenzene-d5	9.268	82	335444	79.68	ng		0.00
42) 2,4,6-Tribromophenol	16.212	330	177928	81.12	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	767017	78.42	ng		0.00
79) Terphenyl-d14	20.073	244	1502585	76.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.545	88	46597	38.76	ng	#	95
3) Pyridine	3.945	79	137031	41.23	ng		91
4) n-Nitrosodimethylamine	3.856	42	73688	41.76	ng	#	74
6) Aniline	7.423	93	190026	39.90	ng		92
8) 2-Chlorophenol	7.664	128	113073	39.24	ng		90
9) Benzaldehyde	7.235	77	110837	39.25	ng		86
10) Phenol	7.276	94	158342	39.29	ng		72
11) bis(2-Chloroethyl)ether	7.517	93	120017	38.22	ng		93
12) 1,3-Dichlorobenzene	7.993	146	129900	39.02	ng	#	91
13) 1,4-Dichlorobenzene	8.140	146	131088	39.05	ng		94
14) 1,2-Dichlorobenzene	8.457	146	125030m	39.16	ng		
15) Benzyl Alcohol	8.333	79	141390	40.25	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.627	45	161490	39.66	ng		96
17) 2-Methylphenol	8.533	107	104671	39.83	ng	#	85
18) Hexachloroethane	9.191	117	49841	38.94	ng		95
19) n-Nitroso-di-n-propyla...	8.909	70	123150	40.03	ng	#	95
20) 3+4-Methylphenols	8.862	107	145764	39.80	ng		89
22) Acetophenone	8.927	105	197674	38.67	ng	#	92
24) Nitrobenzene	9.309	77	176662	39.33	ng	#	84
25) Isophorone	9.832	82	329858	39.51	ng	#	91
26) 2-Nitrophenol	10.026	139	71706	38.59	ng	#	67
27) 2,4-Dimethylphenol	10.073	122	106131	39.68	ng	#	85
28) bis(2-Chloroethoxy)met...	10.314	93	160066	39.22	ng		96
29) 2,4-Dichlorophenol	10.554	162	135907	39.73	ng		95
30) 1,2,4-Trichlorobenzene	10.778	180	154567	39.75	ng		98
31) Naphthalene	10.966	128	385379	39.20	ng		99
32) Benzoic acid	10.196	122	71255	36.91	ng	#	78
33) 4-Chloroaniline	11.066	127	168786	39.58	ng		92
34) Hexachlorobutadiene	11.254	225	111949	38.49	ng		99
35) Caprolactam	11.835	113	46268	40.83	ng	#	89
36) 4-Chloro-3-methylphenol	12.176	107	153941	40.71	ng		88
37) 2-Methylnaphthalene	12.564	142	302986	39.64	ng	#	93
38) 1-Methylnaphthalene	12.781	142	281664	38.96	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.928	216	193400	39.49	ng		98
41) Hexachlorocyclopentadiene	12.910	237	117819	39.45	ng		98
43) 2,4,6-Trichlorophenol	13.163	196	143302	40.72	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	156516	41.23	ng	#	93
46) 1,1'-Biphenyl	13.563	154	382352	38.92	ng		98
47) 2-Chloronaphthalene	13.610	162	326794	39.09	ng		99
48) 2-Nitroaniline	13.804	65	121651	40.54	ng	#	81
49) Acenaphthylene	14.450	152	504991	39.05	ng		96
50) Dimethylphthalate	14.180	163	458084	39.95	ng		98
51) 2,6-Dinitrotoluene	14.297	165	105168	40.82	ng	#	66
52) Acenaphthene	14.791	154	355328	40.59	ng		96
53) 3-Nitroaniline	14.626	138	100682	39.78	ng	#	74
54) 2,4-Dinitrophenol	14.826	184	67523	40.26	ng	#	69
55) Dibenzofuran	15.126	168	539803	39.43	ng		95
56) 4-Nitrophenol	14.920	139	86573	41.73	ng	#	52
57) 2,4-Dinitrotoluene	15.079	165	151109	40.60	ng	#	76
58) Fluorene	15.772	166	432606	39.83	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.343	232	152531	40.12	ng		96
60) Diethylphthalate	15.537	149	469077	40.01	ng		97
61) 4-Chlorophenyl-phenyle...	15.760	204	260713	39.87	ng		99
62) 4-Nitroaniline	15.784	138	108752	41.32	ng	#	60
63) Azobenzene	16.054	77	467867	39.99	ng		90
65) 4,6-Dinitro-2-methylph...	15.842	198	105033	40.60	ng		88
66) n-Nitrosodiphenylamine	15.977	169	406655	39.45	ng		99
67) 4-Bromophenyl-phenylether	16.659	248	178069	38.96	ng		98
68) Hexachlorobenzene	16.777	284	187476	39.77	ng		95
69) Atrazine	16.918	200	171798	40.07	ng		98
70) Pentachlorophenol	17.117	266	128049	41.30	ng		98
71) Phenanthrene	17.511	178	766952	39.62	ng		97
72) Anthracene	17.605	178	760766	39.58	ng		98
73) Carbazole	17.869	167	721684	39.70	ng		98
74) Di-n-butylphthalate	18.422	149	804356	39.93	ng	#	97
75) Fluoranthene	19.515	202	1006437	39.94	ng		97
77) Benzidine	19.691	184	488947	41.73	ng		99
78) Pyrene	19.873	202	1009731	40.31	ng		97
80) Butylbenzylphthalate	20.754	149	352725	40.21	ng		87
81) Benzo(a)anthracene	21.724	228	992718	39.68	ng		99
82) 3,3'-Dichlorobenzidine	21.636	252	362479	40.45	ng		98
83) Chrysene	21.788	228	951390	39.81	ng		98
84) Bis(2-ethylhexyl)phtha...	21.624	149	499328	40.52	ng		98
85) Di-n-octyl phthalate	22.852	149	848625	40.45	ng		97
87) Indeno(1,2,3-cd)pyrene	28.727	276	1124524	40.23	ng	#	89
88) Benzo(b)fluoranthene	23.968	252	1034687	40.57	ng	#	97
89) Benzo(k)fluoranthene	24.039	252	962459	39.56	ng	#	97
90) Benzo(a)pyrene	24.855	252	948007	40.08	ng	#	96
91) Dibenzo(a,h)anthracene	28.792	278	960566	40.29	ng	#	95
92) Benzo(g,h,i)perylene	29.896	276	944394	40.76	ng	#	94

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

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