Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
Data File : BG048320.D
Acq On : 3 Mar 2021 19:40
Operator : CG/JU
Sample : M1537-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-01-030221MSD

Manual Integrations APPROVED
mohammad
3/4/2021 11:31:19 AM

Quant Time: Mar 03 23:58:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	39688	20.00	ng		0.00
21) Naphthalene-d8	10.923	136	151554	20.00	ng		0.00
39) Acenaphthene-d10	14.737	164	111619	20.00	ng		0.00
64) Phenanthrene-d10	17.486	188	277628	20.00	ng		# 0.00
76) Chrysene-d12	21.770	240	290058	20.00	ng		# 0.00
86) Perylene-d12	25.060	264	291649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	302048	129.55	ng		0.00
7) Phenol-d6	7.316	99	429368	121.21	ng		0.00
23) Nitrobenzene-d5	9.284	82	309119	86.28	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	234834	131.54	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	636961	80.00	ng		0.00
79) Terphenyl-d14	20.083	244	1075534	67.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.526	88	35125	32.88	ng	#	90
3) Pyridine	3.938	79	106775	36.15	ng		93
4) n-Nitrosodimethylamine	3.855	42	77257	49.27	ng	#	64
6) Aniline	7.439	93	97471	23.03	ng		92
8) 2-Chlorophenol	7.686	128	121744	47.54	ng		91
9) Benzaldehyde	7.240	77	43666	17.40	ng	#	77
10) Phenol	7.339	94	174532	48.73	ng	#	63
11) bis(2-Chloroethyl)ether	7.527	93	117005	41.93	ng		94
12) 1,3-Dichlorobenzene	7.992	146	131676	44.51	ng	#	88
13) 1,4-Dichlorobenzene	8.139	146	132297	44.34	ng	#	94
14) 1,2-Dichlorobenzene	8.462	146	128659m	45.34	ng		
15) Benzyl Alcohol	8.362	79	143430	45.94	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.626	45	162970	45.04	ng		94
17) 2-Methylphenol	8.585	107	111240	47.63	ng	#	84
18) Hexachloroethane	9.190	117	52401	46.07	ng		94
19) n-Nitroso-di-n-propyla...	8.914	70	117159	42.85	ng	#	92
20) 3+4-Methylphenols	8.920	107	148371	45.59	ng	#	66
22) Acetophenone	8.938	105	204251	46.95	ng	#	84
24) Nitrobenzene	9.325	77	177002	46.30	ng	#	82
25) Isophorone	9.842	82	295743	41.62	ng	#	92
26) 2-Nitrophenol	10.036	139	73378	46.41	ng	#	55
27) 2,4-Dimethylphenol	10.113	122	111820	49.13	ng	#	82
28) bis(2-Chloroethoxy)met...	10.324	93	165689	47.70	ng		96
29) 2,4-Dichlorophenol	10.594	162	135270	46.47	ng		94
30) 1,2,4-Trichlorobenzene	10.782	180	154760	46.76	ng		98
31) Naphthalene	10.976	128	372851	44.57	ng		98
32) Benzoic acid	10.289	122	50838	31.61	ng	#	68
33) 4-Chloroaniline	11.100	127	45601	12.57	ng	#	89
34) Hexachlorobutadiene	11.241	225	116513	47.07	ng		98
35) Caprolactam	11.887	113	43438m	45.05	ng		
36) 4-Chloro-3-methylphenol	12.245	107	147489	45.83	ng	#	83
37) 2-Methylnaphthalene	12.574	142	288734	44.39	ng	#	93
38) 1-Methylnaphthalene	12.792	142	273346	44.42	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.933	216	199430	50.03	ng	#	95
41) Hexachlorocyclopentadiene	12.904	237	236904	97.45	ng		97
43) 2,4,6-Trichlorophenol	13.191	196	138703	48.42	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.285	196	145099	46.96	ng	#	95
46) 1,1'-Biphenyl	13.573	154	383429	47.95	ng		99
47) 2-Chloronaphthalene	13.620	162	322446	47.38	ng		97
48) 2-Nitroaniline	13.844	65	125505	51.38	ng	#	74
49) Acenaphthylene	14.466	152	482346	45.82	ng		98
50) Dimethylphthalate	14.190	163	439391	47.08	ng		97
51) 2,6-Dinitrotoluene	14.325	165	93605	44.63	ng	#	56
52) Acenaphthene	14.801	154	294031	41.26	ng		96
53) 3-Nitroaniline	14.672	138	52100	25.29	ng	#	69
54) 2,4-Dinitrophenol	14.884	184	111227	81.47	ng	#	63
55) Dibenzofuran	15.136	168	500746	44.93	ng		93
56) 4-Nitrophenol	15.030	139	137832	81.62	ng	#	40
57) 2,4-Dinitrotoluene	15.119	165	134512	44.40	ng	#	61
58) Fluorene	15.788	166	404645	45.77	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.377	232	140147	45.29	ng	#	96
60) Diethylphthalate	15.547	149	435023	45.59	ng		94
61) 4-Chlorophenyl-phenyle...	15.771	204	251755	47.29	ng		98
62) 4-Nitroaniline	15.841	138	78936	36.85	ng	#	39
63) Azobenzene	16.064	77	444696	46.70	ng		87
65) 4,6-Dinitro-2-methylph...	15.888	198	87012	43.18	ng		84
66) n-Nitrosodiphenylamine	15.994	169	367344	45.75	ng		98
67) 4-Bromophenyl-phenylether	16.664	248	164818	46.30	ng		96
68) Hexachlorobenzene	16.787	284	178318	48.56	ng	#	93
69) Atrazine	16.946	200	135981	40.73	ng		97
70) Pentachlorophenol	17.151	266	184741	76.50	ng		99
71) Phenanthrene	17.528	178	740210	49.10	ng		97
72) Anthracene	17.622	178	716831	47.88	ng		99
73) Carbazole	17.904	167	615974	43.50	ng		97
74) Di-n-butylphthalate	18.432	149	740562	47.20	ng	#	97
75) Fluoranthene	19.537	202	972414	49.55	ng		96
77) Benzidine	19.719	184	274418	28.95	ng		97
78) Pyrene	19.895	202	960277	47.40	ng		98
80) Butylbenzylphthalate	20.765	149	326216	45.98	ng	#	87
81) Benzo(a)anthracene	21.752	228	944925	46.70	ng		99
82) 3,3'-Dichlorobenzidine	21.664	252	226351	31.23	ng	#	94
83) Chrysene	21.817	228	903531	46.74	ng		99
84) Bis(2-ethylhexyl)phtha...	21.623	149	475187	47.68	ng		95
85) Di-n-octyl phthalate	22.857	149	799335	47.11	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.850	276	1075602	48.67	ng	#	85
88) Benzo(b)fluoranthene	24.020	252	993106	49.25	ng	#	97
89) Benzo(k)fluoranthene	24.090	252	888881	46.21	ng	#	96
90) Benzo(a)pyrene	24.913	252	879936	47.05	ng	#	96
91) Dibenzo(a,h)anthracene	28.902	278	874094	46.37	ng	#	95
92) Benzo(g,h,i)perylene	30.030	276	880016	48.04	ng	#	93

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

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