Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040521\
Data File : BG048584.D
Acq On : 5 Apr 2021 15:17
Operator : CG/JU
Sample : M1932-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS-1MSD

Manual Integrations APPROVED
mohammad
4/6/2021 3:22:28 PM

Quant Time: Apr 05 15:54:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	28534	20.00	ng		# 0.00
21) Naphthalene-d8	10.917	136	119404	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	83628	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	192722	20.00	ng		# 0.00
76) Chrysene-d12	21.798	240	180097	20.00	ng		# 0.00
86) Perylene-d12	25.136	264	183180	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.641	112	148002	91.57	ng		0.00
7) Phenol-d6	7.245	99	199780	85.23	ng		0.00
23) Nitrobenzene-d5	9.260	82	133306	54.05	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	93417	84.98	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	302574	53.78	ng		0.00
79) Terphenyl-d14	20.106	244	464574	47.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	24156	37.15	ng	#	95
3) Pyridine	3.902	79	70012	42.95	ng		97
4) n-Nitrosodimethylamine	3.820	42	48775	45.79	ng	#	87
6) Aniline	7.409	93	64277	23.88	ng		95
8) 2-Chlorophenol	7.656	128	90105	49.33	ng		92
9) Benzaldehyde	7.221	77	65740	43.88	ng		97
10) Phenol	7.268	94	119843	51.07	ng		97
11) bis(2-Chloroethyl)ether	7.503	93	73686	45.25	ng		97
12) 1,3-Dichlorobenzene	7.979	146	97168	47.23	ng		93
13) 1,4-Dichlorobenzene	8.126	146	98127	47.30	ng		98
14) 1,2-Dichlorobenzene	8.449	146	92616	46.62	ng		94
15) Benzyl Alcohol	8.326	79	93624	48.76	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.626	45	70915	45.15	ng		91
17) 2-Methylphenol	8.532	107	77729	51.19	ng		90
18) Hexachloroethane	9.184	117	37490	48.63	ng		88
19) n-Nitroso-di-n-propyla...	8.896	70	70215	43.46	ng		89
20) 3+4-Methylphenols	8.861	107	108909	51.68	ng		99
22) Acetophenone	8.919	105	139624	45.35	ng	#	93
24) Nitrobenzene	9.307	77	106293	43.92	ng		95
25) Isophorone	9.830	82	192295	42.22	ng		97
26) 2-Nitrophenol	10.024	139	50995	45.86	ng		98
27) 2,4-Dimethylphenol	10.077	122	92362	52.78	ng		96
28) bis(2-Chloroethoxy)met...	10.312	93	105081	50.34	ng		100
29) 2,4-Dichlorophenol	10.565	162	97754	49.34	ng		92
30) 1,2,4-Trichlorobenzene	10.782	180	101595	44.62	ng		96
31) Naphthalene	10.970	128	272618	44.40	ng		97
32) Benzoic acid	10.218	122	66563	49.45	ng		95
33) 4-Chloroaniline	11.076	127	24929	9.62	ng	#	97
34) Hexachlorobutadiene	11.252	225	72105	43.37	ng	#	86
35) Caprolactam	11.845	113	31688m	43.84	ng		
36) 4-Chloro-3-methylphenol	12.198	107	103582	46.55	ng		97
37) 2-Methylnaphthalene	12.574	142	216918	44.38	ng		98
38) 1-Methylnaphthalene	12.791	142	203289	43.61	ng		95
40) 1,2,4,5-Tetrachloroben...	12.938	216	122757	47.35	ng		97
41) Hexachlorocyclopentadiene	12.921	237	176453	117.50	ng		98
43) 2,4,6-Trichlorophenol	13.179	196	87779	49.26	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	93659	49.13	ng		99
46) 1,1'-Biphenyl	13.579	154	288331	47.19	ng		98
47) 2-Chloronaphthalene	13.620	162	213910	45.95	ng		98
48) 2-Nitroaniline	13.820	65	73175	49.45	ng		90
49) Acenaphthylene	14.472	152	356494	48.85	ng		96
50) Dimethylphthalate	14.196	163	297566	47.94	ng		98
51) 2,6-Dinitrotoluene	14.313	165	63445	44.68	ng		94
52) Acenaphthene	14.813	154	222609	42.17	ng		95
53) 3-Nitroaniline	14.648	138	20786	14.93	ng	#	84
54) 2,4-Dinitrophenol	14.854	184	90697	113.58	ng		96
55) Dibenzofuran	15.147	168	340522	44.17	ng		95
56) 4-Nitrophenol	14.954	139	113180	100.69	ng		86
57) 2,4-Dinitrotoluene	15.100	165	94328	46.96	ng		94
58) Fluorene	15.794	166	280068	43.40	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	85171	45.80	ng	#	97
60) Diethylphthalate	15.559	149	293667	46.04	ng		96
61) 4-Chlorophenyl-phenyle...	15.782	204	153057	44.08	ng	#	93
62) 4-Nitroaniline	15.811	138	62872	43.17	ng		96
63) Azobenzene	16.076	77	265002	42.24	ng		95
65) 4,6-Dinitro-2-methylph...	15.864	198	58453	50.48	ng		97
66) n-Nitrosodiphenylamine	15.999	169	257161	46.90	ng		97
67) 4-Bromophenyl-phenylether	16.681	248	100601	47.09	ng		95
68) Hexachlorobenzene	16.804	284	102673	46.03	ng		93
69) Atrazine	16.945	200	108126	48.35	ng		100
70) Pentachlorophenol	17.145	266	141243	101.87	ng		91
71) Phenanthrene	17.545	178	451168	45.10	ng		99
72) Anthracene	17.633	178	463072	46.45	ng		98
73) Carbazole	17.903	167	406726	43.02	ng		97
74) Di-n-butylphthalate	18.455	149	478311	45.28	ng		98
75) Fluoranthene	19.554	202	532535	42.94	ng		98
77) Benzidine	19.730	184	318803	52.27	ng		99
78) Pyrene	19.918	202	535496	43.24	ng		98
80) Butylbenzylphthalate	20.794	149	209842	45.63	ng		96
81) Benzo(a)anthracene	21.781	228	535654	44.52	ng		96
82) 3,3'-Dichlorobenzidine	21.687	252	48303	11.69	ng		96
83) Chrysene	21.845	228	505453	44.02	ng		96
84) Bis(2-ethylhexyl)phtha...	21.669	149	296565	46.29	ng		100
85) Di-n-octyl phthalate	22.927	149	514907	46.10	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.972	276	589311	45.89	ng	#	96
88) Benzo(b)fluoranthene	24.078	252	540254	45.41	ng	#	99
89) Benzo(k)fluoranthene	24.149	252	494241	43.21	ng		99
90) Benzo(a)pyrene	24.983	252	469778	42.84	ng	#	96
91) Dibenzo(a,h)anthracene	29.049	278	495393	45.20	ng		96
92) Benzo(g,h,i)perylene	30.195	276	484316	45.12	ng		97

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

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