Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048555.D
Acq On : 1 Apr 2021 22:30
Operator : CG/JU
Sample : M1854-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1S-(0-4)MSD

Manual Integrations APPROVED
mohammad
4/2/2021 11:05:57 AM

Quant Time: Apr 02 03:05:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 11:19:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.096	152	23672	20.00	ng		# 0.00
21) Naphthalene-d8	10.922	136	93123	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	64827	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	156138	20.00	ng		# 0.00
76) Chrysene-d12	21.804	240	154027	20.00	ng		0.00
86) Perylene-d12	25.141	264	159902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.646	112	171832	128.16	ng		0.00
7) Phenol-d6	7.250	99	222684	114.52	ng		0.00
23) Nitrobenzene-d5	9.265	82	155394	80.79	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	105641	123.97	ng		0.00
45) 2-Fluorobiphenyl	13.372	172	322603	73.97	ng		0.00
79) Terphenyl-d14	20.112	244	579027	68.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.507	88	24422	45.27	ng	#	90
3) Pyridine	3.907	79	62739	46.39	ng		92
4) n-Nitrosodimethylamine	3.825	42	43206	48.90	ng		90
6) Aniline	7.415	93	43166	19.33	ng		97
8) 2-Chlorophenol	7.661	128	76283	50.34	ng		89
9) Benzaldehyde	7.227	77	55712	44.82	ng		89
10) Phenol	7.274	94	100898	51.83	ng		96
11) bis(2-Chloroethyl)ether	7.509	93	64221	47.54	ng		95
12) 1,3-Dichlorobenzene	7.985	146	83313	48.81	ng		97
13) 1,4-Dichlorobenzene	8.131	146	84281	48.97	ng		96
14) 1,2-Dichlorobenzene	8.455	146	79469	48.21	ng		93
15) Benzyl Alcohol	8.331	79	77509	48.66	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.625	45	60568	46.48	ng		95
17) 2-Methylphenol	8.537	107	61545	48.86	ng		94
18) Hexachloroethane	9.195	117	31100	48.63	ng	#	81
19) n-Nitroso-di-n-propyla...	8.901	70	56961	42.50	ng	#	94
20) 3+4-Methylphenols	8.866	107	86211	49.31	ng		98
22) Acetophenone	8.925	105	111631	46.49	ng	#	94
24) Nitrobenzene	9.312	77	91816	48.64	ng		95
25) Isophorone	9.835	82	162963	45.88	ng		97
26) 2-Nitrophenol	10.029	139	42364	48.85	ng		98
27) 2,4-Dimethylphenol	10.082	122	76570	56.11	ng		96
28) bis(2-Chloroethoxy)met...	10.317	93	87662	53.84	ng		96
29) 2,4-Dichlorophenol	10.564	162	78298	50.67	ng		92
30) 1,2,4-Trichlorobenzene	10.781	180	85978	48.42	ng		98
31) Naphthalene	10.975	128	226237	47.25	ng		98
32) Benzoic acid	10.223	122	53712	51.16	ng		85
33) 4-Chloroaniline	11.081	127	21650	10.71	ng	#	89
34) Hexachlorobutadiene	11.257	225	57832	44.60	ng	#	87
35) Caprolactam	11.857	113	29272m	51.92	ng		
36) 4-Chloro-3-methylphenol	12.197	107	86165	49.65	ng		92
37) 2-Methylnaphthalene	12.579	142	175562	46.06	ng		91
38) 1-Methylnaphthalene	12.797	142	166129	45.70	ng		93
40) 1,2,4,5-Tetrachloroben...	12.943	216	100047	49.78	ng		96
41) Hexachlorocyclopentadiene	12.926	237	140296	120.51	ng		97
43) 2,4,6-Trichlorophenol	13.179	196	70488	51.03	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	77424	52.39	ng	#	95
46) 1,1'-Biphenyl	13.584	154	230965	48.76	ng		94
47) 2-Chloronaphthalene	13.625	162	176613	48.94	ng		97
48) 2-Nitroaniline	13.825	65	57288	49.94	ng		99
49) Acenaphthylene	14.471	152	292616	51.72	ng		97
50) Dimethylphthalate	14.201	163	243797	50.67	ng		96
51) 2,6-Dinitrotoluene	14.318	165	53189	48.32	ng		97
52) Acenaphthene	14.812	154	230780m	56.40	ng		
53) 3-Nitroaniline	14.642	138	15097	13.99	ng		99
54) 2,4-Dinitrophenol	14.853	184	72195	116.63	ng		95
55) Dibenzofuran	15.147	168	278124	46.54	ng		98
56) 4-Nitrophenol	14.959	139	92359	106.00	ng	#	85
57) 2,4-Dinitrotoluene	15.106	165	76066	48.85	ng	#	94
58) Fluorene	15.799	166	235237	47.02	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.370	232	73303m	50.85	ng		
60) Diethylphthalate	15.564	149	248484	50.26	ng		99
61) 4-Chlorophenyl-phenyle...	15.787	204	130676	48.55	ng		96
62) 4-Nitroaniline	15.817	138	53692	47.56	ng		93
63) Azobenzene	16.081	77	221093	45.46	ng		98
65) 4,6-Dinitro-2-methylph...	15.869	198	48537	51.73	ng		98
66) n-Nitrosodiphenylamine	16.005	169	214059	48.19	ng		98
67) 4-Bromophenyl-phenylether	16.686	248	85568	49.44	ng		93
68) Hexachlorobenzene	16.804	284	90068	49.84	ng		94
69) Atrazine	16.951	200	96956	53.51	ng		99
70) Pentachlorophenol	17.150	266	124821	111.12	ng		91
71) Phenanthrene	17.544	178	396677	48.94	ng		98
72) Anthracene	17.638	178	408627	50.59	ng		98
73) Carbazole	17.902	167	363258	47.43	ng		98
74) Di-n-butylphthalate	18.461	149	448654	52.43	ng		98
75) Fluoranthene	19.559	202	498008	49.56	ng		97
77) Benzidine	19.730	184	166562	31.93	ng		100
78) Pyrene	19.918	202	502196	47.42	ng		98
80) Butylbenzylphthalate	20.799	149	202403	51.46	ng		91
81) Benzo(a)anthracene	21.780	228	503186	48.90	ng		97
82) 3,3'-Dichlorobenzidine	21.692	252	62350	17.64	ng		94
83) Chrysene	21.851	228	471531	48.02	ng		97
84) Bis(2-ethylhexyl)phtha...	21.680	149	293853	53.63	ng		100
85) Di-n-octyl phthalate	22.932	149	494553	51.78	ng		99
87) Indeno(1,2,3-cd)pyrene	28.984	276	570571	50.90	ng	#	94
88) Benzo(b)fluoranthene	24.083	252	504961	48.62	ng	#	97
89) Benzo(k)fluoranthene	24.154	252	478413	47.91	ng		98
90) Benzo(a)pyrene	24.988	252	446512	46.65	ng		97
91) Dibenzo(a,h)anthracene	29.048	278	474467	49.59	ng		98
92) Benzo(g,h,i)perylene	30.182	276	473677	50.55	ng		94

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

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