Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048554.D
Acq On : 1 Apr 2021 21:50
Operator : CG/JU
Sample : M1854-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/2/2021 11:05:55 AM

Quant Time: Apr 02 03:04:57 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	8.098	152	22797	20.00	ng		# 0.00
21) Naphthalene-d8	10.924	136	90365	20.00	ng		0.00
39) Acenaphthene-d10	14.749	164	64302	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	148961	20.00	ng		0.00
76) Chrysene-d12	21.805	240	149476	20.00	ng		# 0.00
86) Perylene-d12	25.143	264	153055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.642	112	170729	132.22	ng		0.00
7) Phenol-d6	7.252	99	217087	115.92	ng		0.00
23) Nitrobenzene-d5	9.267	82	149928	80.33	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	104564	123.70	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	320005	73.97	ng		-0.01
79) Terphenyl-d14	20.113	244	553779	67.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.509	88	24410	46.99	ng	#	91
3) Pyridine	3.915	79	64805	49.76	ng		93
4) n-Nitrosodimethylamine	3.826	42	45555	53.53	ng		92
6) Aniline	7.416	93	36851	17.13	ng		97
8) 2-Chlorophenol	7.657	128	75099	51.47	ng		92
9) Benzaldehyde	7.228	77	60084	50.19	ng		92
10) Phenol	7.275	94	96705	51.58	ng		95
11) bis(2-Chloroethyl)ether	7.504	93	62183	47.80	ng		97
12) 1,3-Dichlorobenzene	7.986	146	83494	50.79	ng		99
13) 1,4-Dichlorobenzene	8.133	146	81317	49.06	ng		96
14) 1,2-Dichlorobenzene	8.450	146	78365	49.37	ng		94
15) Benzyl Alcohol	8.333	79	76412	49.81	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.627	45	59663	47.54	ng		91
17) 2-Methylphenol	8.539	107	62393	51.43	ng		88
18) Hexachloroethane	9.191	117	31346	50.90	ng	#	83
19) n-Nitroso-di-n-propyla...	8.903	70	58225	45.11	ng	#	96
20) 3+4-Methylphenols	8.868	107	81869	48.62	ng		86
22) Acetophenone	8.926	105	110444	47.40	ng	#	99
24) Nitrobenzene	9.314	77	88332	48.22	ng		98
25) Isophorone	9.831	82	156609	45.44	ng		99
26) 2-Nitrophenol	10.025	139	41401	49.19	ng		95
27) 2,4-Dimethylphenol	10.084	122	73804	55.73	ng		98
28) bis(2-Chloroethoxy)met...	10.313	93	82773	52.39	ng		98
29) 2,4-Dichlorophenol	10.566	162	75545	50.38	ng		95
30) 1,2,4-Trichlorobenzene	10.783	180	83810	48.64	ng		97
31) Naphthalene	10.977	128	222961	47.99	ng		100
32) Benzoic acid	10.219	122	50828	49.89	ng		92
33) 4-Chloroaniline	11.077	127	20044	10.22	ng		97
34) Hexachlorobutadiene	11.259	225	59889	47.59	ng		96
35) Caprolactam	11.858	113	27036m	49.42	ng		
36) 4-Chloro-3-methylphenol	12.199	107	83150	49.38	ng		99
37) 2-Methylnaphthalene	12.581	142	170602	46.12	ng		97
38) 1-Methylnaphthalene	12.798	142	158372m	44.90	ng		
40) 1,2,4,5-Tetrachloroben...	12.945	216	97431	48.88	ng		96
41) Hexachlorocyclopentadiene	12.922	237	139353	120.68	ng		94
43) 2,4,6-Trichlorophenol	13.180	196	69148	50.47	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	74609	50.90	ng		93
46) 1,1'-Biphenyl	13.580	154	234513	49.91	ng		98
47) 2-Chloronaphthalene	13.627	162	172226	48.11	ng		97
48) 2-Nitroaniline	13.826	65	56142	49.34	ng		94
49) Acenaphthylene	14.473	152	289513	51.59	ng		98
50) Dimethylphthalate	14.197	163	239165	50.11	ng		99
51) 2,6-Dinitrotoluene	14.320	165	51827	47.47	ng		98
52) Acenaphthene	14.814	154	223570m	55.08	ng		
53) 3-Nitroaniline	14.649	138	12158	11.35	ng	#	75
54) 2,4-Dinitrophenol	14.855	184	68954	112.31	ng		98
55) Dibenzofuran	15.148	168	272282	45.93	ng		95
56) 4-Nitrophenol	14.960	139	85959	99.46	ng		93
57) 2,4-Dinitrotoluene	15.107	165	75425	48.83	ng		99
58) Fluorene	15.801	166	232063	46.77	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.372	232	71255m	49.83	ng		
60) Diethylphthalate	15.560	149	238270	48.59	ng		98
61) 4-Chlorophenyl-phenyle...	15.789	204	124584	46.66	ng		89
62) 4-Nitroaniline	15.812	138	51644	46.11	ng		98
63) Azobenzene	16.083	77	219368	45.47	ng		96
65) 4,6-Dinitro-2-methylph...	15.871	198	44670	49.91	ng		90
66) n-Nitrosodiphenylamine	16.006	169	204598	48.28	ng		98
67) 4-Bromophenyl-phenylether	16.688	248	84800	51.35	ng		88
68) Hexachlorobenzene	16.805	284	84356	48.93	ng		98
69) Atrazine	16.952	200	92233	53.36	ng		95
70) Pentachlorophenol	17.146	266	117747	109.87	ng		94
71) Phenanthrene	17.546	178	375908	48.61	ng		98
72) Anthracene	17.640	178	392467	50.93	ng		99
73) Carbazole	17.904	167	349322	47.80	ng		98
74) Di-n-butylphthalate	18.456	149	422971	51.81	ng		98
75) Fluoranthene	19.555	202	481649	50.24	ng		97
77) Benzidine	19.731	184	130222	25.73	ng		98
78) Pyrene	19.919	202	480154	46.72	ng		98
80) Butylbenzylphthalate	20.801	149	197347	51.70	ng		93
81) Benzo(a)anthracene	21.782	228	496958	49.76	ng		99
82) 3,3'-Dichlorobenzidine	21.694	252	54810	15.98	ng		96
83) Chrysene	21.852	228	457893	48.05	ng		96
84) Bis(2-ethylhexyl)phtha...	21.676	149	281546	52.95	ng	#	99
85) Di-n-octyl phthalate	22.933	149	478829	51.66	ng		99
87) Indeno(1,2,3-cd)pyrene	28.985	276	555025	51.73	ng	#	87
88) Benzo(b)fluoranthene	24.079	252	510342	51.34	ng	#	98
89) Benzo(k)fluoranthene	24.156	252	457198	47.84	ng		98
90) Benzo(a)pyrene	24.990	252	441757	48.22	ng		99
91) Dibenzo(a,h)anthracene	29.062	278	463449	50.60	ng	#	96
92) Benzo(g,h,i)perylene	30.184	276	459670	51.25	ng		96

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

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