Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048747.D
Acq On : 17 Apr 2021 9:39
Operator : CG/JU
Sample : M2030-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-304MSD

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:33 AM

Quant Time: Apr 19 00:24:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	16320	20.00	ng	# 0.00
21) Naphthalene-d8	10.907	136	70616	20.00	ng	0.00
39) Acenaphthene-d10	14.738	164	50009	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	126779	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	122175	20.00	ng	0.00
86) Perylene-d12	25.137	264	122512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	152932	156.73	ng	0.00
7) Phenol-d6	7.246	99	182334	132.11	ng	0.00
23) Nitrobenzene-d5	9.250	82	158505	100.49	ng	0.00
42) 2,4,6-Tribromophenol	16.236	330	108004	161.08	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	345489	99.77	ng	0.00
79) Terphenyl-d14	20.102	244	721259	101.61	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	13994	36.60	ng	# 19
3) Pyridine	3.903	79	23353	23.43	ng	91
4) n-Nitrosodimethylamine	3.803	42	41182	54.13	ng	# 98
6) Aniline	7.399	93	41235	26.62	ng	# 86
8) 2-Chlorophenol	7.640	128	58933	56.93	ng	94
9) Benzaldehyde	7.211	77	40682	44.48	ng	94
10) Phenol	7.270	94	70175	51.71	ng	98
11) bis(2-Chloroethyl)ether	7.493	93	51190	55.97	ng	98
12) 1,3-Dichlorobenzene	7.969	146	62070	52.15	ng	97
13) 1,4-Dichlorobenzene	8.116	146	64200	52.93	ng	96
14) 1,2-Dichlorobenzene	8.433	146	61028	54.53	ng	95
15) Benzyl Alcohol	8.322	79	68176	56.06	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.604	45	55960	56.44	ng	95
17) 2-Methylphenol	8.527	107	50998	58.86	ng	95
18) Hexachloroethane	9.168	117	23569	49.47	ng	85
19) n-Nitroso-di-n-propyla...	8.886	70	52496	56.38	ng	99
20) 3+4-Methylphenols	8.862	107	71084	59.46	ng	93
22) Acetophenone	8.909	105	99266	54.01	ng	# 98
24) Nitrobenzene	9.291	77	83102	52.82	ng	98
25) Isophorone	9.820	82	146821	52.64	ng	97
26) 2-Nitrophenol	10.008	139	36222	53.19	ng	93
27) 2,4-Dimethylphenol	10.073	122	64654	61.76	ng	92
28) bis(2-Chloroethoxy)met...	10.296	93	72192	59.41	ng	99
29) 2,4-Dichlorophenol	10.554	162	64992	55.05	ng	97
30) 1,2,4-Trichlorobenzene	10.766	180	69846	51.02	ng	98
31) Naphthalene	10.960	128	187388	51.72	ng	100
32) Benzoic acid	10.249	122	33808	55.12	ng	# 86
33) 4-Chloroaniline	11.071	127	10987	7.29	ng	# 88
34) Hexachlorobutadiene	11.236	225	51527	50.70	ng	99
35) Caprolactam	11.847	113	19220m	47.91	ng	
36) 4-Chloro-3-methylphenol	12.199	107	76172	56.97	ng	# 96
37) 2-Methylnaphthalene	12.564	142	146973	50.76	ng	97
38) 1-Methylnaphthalene	12.781	142	137407	51.00	ng	96
40) 1,2,4,5-Tetrachloroben...	12.928	216	82357	50.60	ng	96
41) Hexachlorocyclopentadiene	12.904	237	82772	92.27	ng	93
43) 2,4,6-Trichlorophenol	13.169	196	59290	54.58	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	65485	56.76	ng		92
46) 1,1'-Biphenyl	13.568	154	203198	55.01	ng		97
47) 2-Chloronaphthalene	13.615	162	152849	54.17	ng		96
48) 2-Nitroaniline	13.815	65	59956	59.13	ng		98
49) Acenaphthylene	14.461	152	257466	58.49	ng		98
50) Dimethylphthalate	14.185	163	214510	57.18	ng		97
51) 2,6-Dinitrotoluene	14.309	165	48802	56.39	ng		98
52) Acenaphthene	14.802	154	164458	58.83	ng		99
53) 3-Nitroaniline	14.644	138	26980	32.47	ng		99
54) 2,4-Dinitrophenol	14.855	184	53395	101.28	ng		99
55) Dibenzofuran	15.137	168	253301	54.74	ng		98
56) 4-Nitrophenol	14.967	139	68645	111.52	ng	#	83
57) 2,4-Dinitrotoluene	15.102	165	72067	57.34	ng		92
58) Fluorene	15.789	166	212097	55.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.366	232	59877	56.10	ng		96
60) Diethylphthalate	15.548	149	228032	58.76	ng		99
61) 4-Chlorophenyl-phenyle...	15.778	204	118526	56.71	ng		96
62) 4-Nitroaniline	15.813	138	49493	55.72	ng		91
63) Azobenzene	16.071	77	221292	56.62	ng		95
65) 4,6-Dinitro-2-methylph...	15.866	198	41496	48.89	ng		96
66) n-Nitrosodiphenylamine	15.995	169	196600	54.87	ng		98
67) 4-Bromophenyl-phenylether	16.671	248	80463	55.14	ng		97
68) Hexachlorobenzene	16.794	284	81626	55.23	ng		97
69) Atrazine	16.941	200	88577	59.45	ng		98
70) Pentachlorophenol	17.147	266	79360	100.76	ng		92
71) Phenanthrene	17.540	178	367935	55.92	ng		97
72) Anthracene	17.628	178	376331	57.80	ng		98
73) Carbazole	17.899	167	341867	54.82	ng		99
74) Di-n-butylphthalate	18.445	149	418857	59.91	ng		99
75) Fluoranthene	19.550	202	467538	56.18	ng		99
77) Benzidine	19.726	184	46182	13.92	ng		96
78) Pyrene	19.914	202	466942	55.24	ng		98
80) Butylbenzylphthalate	20.789	149	186973	56.57	ng		98
81) Benzo(a)anthracene	21.776	228	457888	54.84	ng		97
82) 3,3'-Dichlorobenzidine	21.688	252	97782	34.15	ng		96
83) Chrysene	21.847	228	422931	53.18	ng		97
84) Bis(2-ethylhexyl)phtha...	21.665	149	260742	56.35	ng		98
85) Di-n-octyl phthalate	22.916	149	445798	56.59	ng		100
87) Indeno(1,2,3-cd)pyrene	28.968	276	509134	56.58	ng	#	91
88) Benzo(b)fluoranthene	24.074	252	466895	56.18	ng		97
89) Benzo(k)fluoranthene	24.144	252	418345	53.52	ng		99
90) Benzo(a)pyrene	24.979	252	400461	52.30	ng		99
91) Dibenzo(a,h)anthracene	29.044	278	427833	55.44	ng	#	97
92) Benzo(g,h,i)perylene	30.178	276	424190	55.68	ng		99

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

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