Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032521\
Data File : BG048502.D
Acq On : 25 Mar 2021 15:02
Operator : CG/JU
Sample : M1749-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB-15-11-13MS

Manual Integrations APPROVED
mohammad
3/26/2021 1:20:50 PM

Quant Time: Mar 25 16:53:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 02:47:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	47025	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	182462	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	122747	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	283924	20.00	ng	# 0.00
76) Chrysene-d12	21.787	240	290086	20.00	ng	# 0.00
86) Perylene-d12	25.112	264	319155	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	312005	109.72	ng	0.00
7) Phenol-d6	7.257	99	426110	102.98	ng	0.00
23) Nitrobenzene-d5	9.266	82	308046	67.50	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	205442	102.92	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	471336	55.24	ng	0.00
79) Terphenyl-d14	20.100	244	849225	52.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.514	88	43198	36.01	ng	# 89
3) Pyridine	3.919	79	132109	39.50	ng	# 86
4) n-Nitrosodimethylamine	3.831	42	82289	42.34	ng	# 63
6) Aniline	7.421	93	74422	15.21	ng	91
8) 2-Chlorophenol	7.662	128	143207	48.29	ng	94
9) Benzaldehyde	7.227	77	125974	60.54	ng	# 78
10) Phenol	7.280	94	199856	47.13	ng	# 72
11) bis(2-Chloroethyl)ether	7.509	93	130928	44.07	ng	99
12) 1,3-Dichlorobenzene	7.991	146	148964	42.23	ng	# 87
13) 1,4-Dichlorobenzene	8.138	146	148763m	42.48	ng	
14) 1,2-Dichlorobenzene	8.455	146	144967	43.15	ng	95
15) Benzyl Alcohol	8.338	79	159418	43.39	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.631	45	141651	41.70	ng	87
17) 2-Methylphenol	8.543	107	126500	47.05	ng	# 86
18) Hexachloroethane	9.190	117	58194	43.20	ng	87
19) n-Nitroso-di-n-propyla...	8.908	70	125262	40.78	ng	90
20) 3+4-Methylphenols	8.866	107	173719	47.17	ng	91
22) Acetophenone	8.925	105	217185	42.33	ng	# 91
24) Nitrobenzene	9.313	77	187362	38.32	ng	# 82
25) Isophorone	9.836	82	339537	38.87	ng	# 89
26) 2-Nitrophenol	10.024	139	77548	41.74	ng	# 57
27) 2,4-Dimethylphenol	10.083	122	139771	48.20	ng	91
28) bis(2-Chloroethoxy)met...	10.318	93	178728	45.14	ng	97
29) 2,4-Dichlorophenol	10.564	162	144767	43.03	ng	93
30) 1,2,4-Trichlorobenzene	10.782	180	155690	38.28	ng	95
31) Naphthalene	10.976	128	415009	41.02	ng	100
32) Benzoic acid	10.224	122	106908	47.38	ng	# 84
33) 4-Chloroaniline	11.076	127	36796	8.51	ng	# 86
34) Hexachlorobutadiene	11.258	225	112319	34.84	ng	96
35) Caprolactam	11.933	113	84355m	70.22	ng	
36) 4-Chloro-3-methylphenol	12.198	107	159322	40.79	ng	89
37) 2-Methylnaphthalene	12.574	142	304678	39.46	ng	# 93
38) 1-Methylnaphthalene	12.797	142	280142	38.58	ng	100
40) 1,2,4,5-Tetrachloroben...	12.944	216	176169	39.30	ng	# 92
41) Hexachlorocyclopentadiene	12.921	237	260599	89.93	ng	99
43) 2,4,6-Trichlorophenol	13.179	196	124423	40.95	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	131401	39.30	ng	#	80
46) 1,1'-Biphenyl	13.579	154	388439	44.09	ng		98
47) 2-Chloronaphthalene	13.620	162	304611	42.89	ng		95
48) 2-Nitroaniline	13.820	65	119121	45.31	ng	#	73
49) Acenaphthylene	14.466	152	511256	44.45	ng		99
50) Dimethylphthalate	14.190	163	418053	41.85	ng		99
51) 2,6-Dinitrotoluene	14.307	165	86747	40.35	ng	#	59
52) Acenaphthene	14.807	154	310883	40.22	ng		99
53) 3-Nitroaniline	14.642	138	23306	11.32	ng	#	85
54) 2,4-Dinitrophenol	14.848	184	126050	96.06	ng	#	48
55) Dibenzofuran	15.141	168	482701	41.93	ng		95
56) 4-Nitrophenol	14.953	139	157611	85.56	ng	#	38
57) 2,4-Dinitrotoluene	15.094	165	124015	40.62	ng	#	63
58) Fluorene	15.794	166	389279	40.29	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.365	232	128222	38.86	ng	#	88
60) Diethylphthalate	15.553	149	430121	44.05	ng		94
61) 4-Chlorophenyl-phenyle...	15.776	204	222400	40.01	ng		92
62) 4-Nitroaniline	15.805	138	87686	38.89	ng	#	49
63) Azobenzene	16.070	77	434927	40.93	ng		85
65) 4,6-Dinitro-2-methylph...	15.858	198	81339	45.49	ng		74
66) n-Nitrosodiphenylamine	15.993	169	358630	43.60	ng		99
67) 4-Bromophenyl-phenylether	16.675	248	145757	40.76	ng	#	85
68) Hexachlorobenzene	16.792	284	161203	42.07	ng	#	93
69) Atrazine	16.939	200	155954	47.14	ng		98
70) Pentachlorophenol	17.139	266	218540	85.80	ng		100
71) Phenanthrene	17.539	178	695282	46.36	ng		98
72) Anthracene	17.627	178	678643	45.61	ng		98
73) Carbazole	17.897	167	618461	43.58	ng		99
74) Di-n-butylphthalate	18.449	149	741768	47.23	ng	#	97
75) Fluoranthene	19.542	202	900229	45.08	ng		96
77) Benzidine	19.718	184	450700	51.87	ng		98
78) Pyrene	19.906	202	895165	44.93	ng		97
80) Butylbenzylphthalate	20.788	149	349381	49.34	ng		88
81) Benzo(a)anthracene	21.763	228	879429	43.71	ng		99
82) 3,3'-Dichlorobenzidine	21.675	252	82813	11.41	ng		97
83) Chrysene	21.834	228	817203	42.37	ng		99
84) Bis(2-ethylhexyl)phtha...	21.663	149	498737	50.98	ng		97
85) Di-n-octyl phthalate	22.915	149	856931	52.31	ng		97
87) Indeno(1,2,3-cd)pyrene	28.931	276	1036053	42.57	ng	#	80
88) Benzo(b)fluoranthene	24.055	252	923328	41.05	ng	#	96
89) Benzo(k)fluoranthene	24.125	252	855458	40.31	ng	#	95
90) Benzo(a)pyrene	24.959	252	810733	39.53	ng	#	97
91) Dibenzo(a,h)anthracene	29.002	278	858720	41.36	ng	#	96
92) Benzo(g,h,i)perylene	30.130	276	858264	42.60	ng	#	93

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

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