Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048768.D
Acq On : 19 Apr 2021 16:14
Operator : CG/JU
Sample : M2075-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-DMSD

Manual Integrations APPROVED
mohammad
4/21/2021 8:36:21 AM

Quant Time: Apr 19 17:54:24 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	8.077	152	16942	20.00	ng		0.00
21) Naphthalene-d8	10.903	136	75741	20.00	ng		# 0.00
39) Acenaphthene-d10	14.734	164	51958	20.00	ng		0.00
64) Phenanthrene-d10	17.496	188	136146	20.00	ng		# 0.00
76) Chrysene-d12	21.797	240	123993	20.00	ng		# 0.00
86) Perylene-d12	25.134	264	121837	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.627	112	119705	118.17	ng		0.00
7) Phenol-d6	7.243	99	165646	115.61	ng		0.00
23) Nitrobenzene-d5	9.252	82	121535	71.84	ng		0.00
42) 2,4,6-Tribromophenol	16.233	330	80984	116.25	ng		0.00
45) 2-Fluorobiphenyl	13.354	172	256061	71.17	ng		0.00
79) Terphenyl-d14	20.104	244	447269	62.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.477	88	16933	42.66	ng		96
3) Pyridine	3.888	79	54103	52.30	ng		99
4) n-Nitrosodimethylamine	3.800	42	39956	50.59	ng	#	89
6) Aniline	7.396	93	21649	13.46	ng		97
8) 2-Chlorophenol	7.643	128	61687	57.40	ng		90
9) Benzaldehyde	7.202	77	45166	47.57	ng		93
10) Phenol	7.272	94	83464	59.24	ng		94
11) bis(2-Chloroethyl)ether	7.490	93	50040	52.70	ng		95
12) 1,3-Dichlorobenzene	7.966	146	64815	52.46	ng		98
13) 1,4-Dichlorobenzene	8.118	146	65738	52.21	ng		90
14) 1,2-Dichlorobenzene	8.436	146	61972	53.34	ng		96
15) Benzyl Alcohol	8.318	79	66305	52.52	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.600	45	59088	57.41	ng		93
17) 2-Methylphenol	8.530	107	54504	60.60	ng		94
18) Hexachloroethane	9.170	117	23591	47.70	ng		89
19) n-Nitroso-di-n-propyla...	8.888	70	52329	54.13	ng		95
20) 3+4-Methylphenols	8.859	107	75716	61.01	ng		98
22) Acetophenone	8.906	105	95575	48.48	ng	#	96
24) Nitrobenzene	9.294	77	80044	47.43	ng		93
25) Isophorone	9.817	82	142416	47.60	ng		96
26) 2-Nitrophenol	10.010	139	38024	52.06	ng		94
27) 2,4-Dimethylphenol	10.069	122	61646	54.90	ng		88
28) bis(2-Chloroethoxy)met...	10.298	93	71250	54.66	ng		92
29) 2,4-Dichlorophenol	10.551	162	65886	52.03	ng		96
30) 1,2,4-Trichlorobenzene	10.768	180	71034	48.38	ng		97
31) Naphthalene	10.956	128	182339	46.92	ng		98
33) 4-Chloroaniline	11.068	127	15034	9.30	ng		95
34) Hexachlorobutadiene	11.233	225	50008	45.88	ng		95
35) Caprolactam	11.849	113	22741	52.85	ng		90
36) 4-Chloro-3-methylphenol	12.202	107	77576	54.09	ng	#	92
37) 2-Methylnaphthalene	12.566	142	149288	48.07	ng		98
38) 1-Methylnaphthalene	12.784	142	138786	48.03	ng		96
40) 1,2,4,5-Tetrachloroben...	12.931	216	82646	48.87	ng		96
41) Hexachlorocyclopentadiene	12.907	237	78391	84.62	ng		93
43) 2,4,6-Trichlorophenol	13.171	196	63923	56.63	ng		91
44) 2,4,5-Trichlorophenol	13.248	196	69224	57.76	ng		89

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.571	154	198383	51.69	ng		96
47)	2-Chloronaphthalene	13.618	162	146341	49.92	ng		99
48)	2-Nitroaniline	13.818	65	57768	54.84	ng	#	83
49)	Acenaphthylene	14.458	152	247838	54.19	ng		96
50)	Dimethylphthalate	14.188	163	214057	54.92	ng		99
51)	2,6-Dinitrotoluene	14.311	165	45360	50.45	ng		93
52)	Acenaphthene	14.805	154	151787	52.26	ng		93
53)	3-Nitroaniline	14.634	138	6197	7.18	ng		97
54)	2,4-Dinitrophenol	14.864	184	4696	13.41	ng	#	86
55)	Dibenzofuran	15.134	168	234724	48.82	ng		97
56)	4-Nitrophenol	14.969	139	68450	107.03	ng		93
57)	2,4-Dinitrotoluene	15.099	165	66596	51.00	ng	#	99
58)	Fluorene	15.786	166	203680	51.58	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.369	232	60001	54.10	ng		99
60)	Diethylphthalate	15.545	149	214299	53.15	ng		97
61)	4-Chlorophenyl-phenyle...	15.774	204	112499	51.81	ng		97
62)	4-Nitroaniline	15.809	138	47450	51.41	ng		94
63)	Azobenzene	16.068	77	212062	52.23	ng		93
65)	4,6-Dinitro-2-methylph...	15.868	198	24256	26.61	ng		97
66)	n-Nitrosodiphenylamine	15.992	169	184482	47.94	ng		94
67)	4-Bromophenyl-phenylether	16.673	248	73596	46.97	ng		93
68)	Hexachlorobenzene	16.797	284	76357	48.11	ng		97
69)	Atrazine	16.938	200	83618	52.26	ng		97
70)	Pentachlorophenol	17.149	266	30730	36.33	ng		96
71)	Phenanthrene	17.537	178	335583	47.49	ng		96
72)	Anthracene	17.631	178	346935	49.62	ng		98
73)	Carbazole	17.901	167	309419	46.20	ng		98
74)	Di-n-butylphthalate	18.448	149	372032	49.55	ng		99
75)	Fluoranthene	19.546	202	402092	45.00	ng		99
77)	Benzidine	19.723	184	98044	29.12	ng		95
78)	Pyrene	19.911	202	403224	47.00	ng		99
80)	Butylbenzylphthalate	20.792	149	159515	47.55	ng		95
81)	Benzo(a)anthracene	21.773	228	396354	46.78	ng		99
82)	3,3'-Dichlorobenzidine	21.685	252	34597	11.91	ng	#	90
83)	Chrysene	21.844	228	365016	45.22	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.661	149	228129	48.58	ng		99
85)	Di-n-octyl phthalate	22.913	149	378543	47.35	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.982	276	441892	49.38	ng	#	97
88)	Benzo(b)fluoranthene	24.070	252	398729m	48.24	ng		
89)	Benzo(k)fluoranthene	24.141	252	367700	47.30	ng		99
90)	Benzo(a)pyrene	24.975	252	346876	45.55	ng		99
91)	Dibenzo(a,h)anthracene	29.035	278	369577	48.15	ng		99
92)	Benzo(g,h,i)perylene	30.175	276	363882	48.03	ng		98

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

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