Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048767.D
Acq On : 19 Apr 2021 15:33
Operator : CG/JU
Sample : M2075-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Manual Integrations APPROVED
mohammad
4/21/2021 8:36:18 AM

Quant Time: Apr 19 16:12:13 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	8.074	152	17295	20.00	ng		# 0.00
21) Naphthalene-d8	10.906	136	70806	20.00	ng		# 0.00
39) Acenaphthene-d10	14.737	164	52650	20.00	ng		0.00
64) Phenanthrene-d10	17.492	188	130606	20.00	ng		# 0.00
76) Chrysene-d12	21.793	240	117238	20.00	ng		# 0.00
86) Perylene-d12	25.130	264	120601	20.00	ng		#-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.630	112	117862	113.98	ng		0.00
7) Phenol-d6	7.240	99	155296	106.17	ng		0.00
23) Nitrobenzene-d5	9.249	82	115231	72.86	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	78629	111.38	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	242930	66.63	ng		0.00
79) Terphenyl-d14	20.101	244	436486	64.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	15451	38.13	ng		93
3) Pyridine	3.885	79	48109	45.55	ng		91
4) n-Nitrosodimethylamine	3.797	42	35364	43.86	ng	#	85
6) Aniline	7.398	93	20164	12.28	ng	#	94
8) 2-Chlorophenol	7.639	128	56613	51.61	ng		94
9) Benzaldehyde	7.204	77	40941	42.24	ng		89
10) Phenol	7.269	94	78298	54.44	ng		94
11) bis(2-Chloroethyl)ether	7.486	93	48510	50.05	ng		97
12) 1,3-Dichlorobenzene	7.968	146	58446	46.34	ng		99
13) 1,4-Dichlorobenzene	8.115	146	59575	46.35	ng		97
14) 1,2-Dichlorobenzene	8.432	146	58420	49.26	ng		97
15) Benzyl Alcohol	8.321	79	65497	50.82	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.609	45	53577	50.99	ng		96
17) 2-Methylphenol	8.532	107	50326	54.81	ng		97
18) Hexachloroethane	9.167	117	24089	47.71	ng		96
19) n-Nitroso-di-n-propyla...	8.885	70	50554	51.23	ng		87
20) 3+4-Methylphenols	8.861	107	70014	55.26	ng		97
22) Acetophenone	8.908	105	89632	48.63	ng	#	96
24) Nitrobenzene	9.296	77	78064	49.48	ng		99
25) Isophorone	9.819	82	134139	47.96	ng	#	94
26) 2-Nitrophenol	10.007	139	37491	54.91	ng		87
27) 2,4-Dimethylphenol	10.072	122	60365	57.51	ng		92
28) bis(2-Chloroethoxy)met...	10.301	93	68299	56.05	ng	#	86
29) 2,4-Dichlorophenol	10.553	162	62490	52.79	ng		93
30) 1,2,4-Trichlorobenzene	10.765	180	63239	46.07	ng		98
31) Naphthalene	10.959	128	173225	47.68	ng		97
33) 4-Chloroaniline	11.065	127	15370	10.17	ng		96
34) Hexachlorobutadiene	11.235	225	45783	44.93	ng	#	85
35) Caprolactam	11.846	113	23390	58.15	ng	#	79
36) 4-Chloro-3-methylphenol	12.193	107	75031	55.97	ng	#	95
37) 2-Methylnaphthalene	12.563	142	137257	47.28	ng		97
38) 1-Methylnaphthalene	12.780	142	128579	47.60	ng		92
40) 1,2,4,5-Tetrachloroben...	12.927	216	79694	46.50	ng		98
41) Hexachlorocyclopentadiene	12.904	237	73843	79.08	ng		92
43) 2,4,6-Trichlorophenol	13.168	196	61998	54.21	ng		96
44) 2,4,5-Trichlorophenol	13.250	196	67404	55.50	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.568	154	188406	48.45	ng		98
47) 2-Chloronaphthalene	13.615	162	144596	48.67	ng		99
48) 2-Nitroaniline	13.814	65	56572	53.00	ng		99
49) Acenaphthylene	14.461	152	240533	51.90	ng		96
50) Dimethylphthalate	14.184	163	215171	54.48	ng		99
51) 2,6-Dinitrotoluene	14.308	165	45308	49.73	ng		95
52) Acenaphthene	14.801	154	152788	51.91	ng		97
53) 3-Nitroaniline	14.643	138	5758	6.58	ng		89
54) 2,4-Dinitrophenol	14.866	184	5360	14.43	ng	#	89
55) Dibenzofuran	15.136	168	236327	48.51	ng		98
56) 4-Nitrophenol	14.966	139	68242	105.31	ng		93
57) 2,4-Dinitrotoluene	15.095	165	63303	47.84	ng	#	95
58) Fluorene	15.788	166	200717	50.16	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.365	232	59858m	53.27	ng		
60) Diethylphthalate	15.548	149	212181	51.93	ng		100
61) 4-Chlorophenyl-phenyle...	15.771	204	111403	50.63	ng		98
62) 4-Nitroaniline	15.812	138	45158	48.29	ng		94
63) Azobenzene	16.070	77	210805	51.23	ng		91
65) 4,6-Dinitro-2-methylph...	15.871	198	23393	26.75	ng		87
66) n-Nitrosodiphenylamine	15.994	169	182617	49.47	ng		92
67) 4-Bromophenyl-phenylether	16.676	248	73290	48.76	ng		95
68) Hexachlorobenzene	16.793	284	76951	50.54	ng		98
69) Atrazine	16.940	200	79531	51.81	ng		96
70) Pentachlorophenol	17.152	266	27297	33.64	ng		94
71) Phenanthrene	17.533	178	335254	49.46	ng		97
72) Anthracene	17.627	178	338938	50.53	ng		99
73) Carbazole	17.898	167	302596	47.10	ng		98
74) Di-n-butylphthalate	18.444	149	362300	50.30	ng		98
75) Fluoranthene	19.549	202	387868	45.25	ng		98
77) Benzidine	19.725	184	95585	30.02	ng		99
78) Pyrene	19.913	202	390653	48.16	ng		99
80) Butylbenzylphthalate	20.788	149	152578	48.11	ng		97
81) Benzo(a)anthracene	21.776	228	387614	48.38	ng		97
82) 3,3'-Dichlorobenzidine	21.682	252	36132	13.15	ng	#	94
83) Chrysene	21.840	228	360582	47.25	ng		99
84) Bis(2-ethylhexyl)phtha...	21.664	149	220463	49.65	ng		96
85) Di-n-octyl phthalate	22.910	149	372466	49.27	ng		97
87) Indeno(1,2,3-cd)pyrene	28.979	276	435029	49.11	ng	#	97
88) Benzo(b)fluoranthene	24.067	252	386265m	47.21	ng		
89) Benzo(k)fluoranthene	24.137	252	363964	47.30	ng		99
90) Benzo(a)pyrene	24.978	252	344741	45.74	ng		96
91) Dibenzo(a,h)anthracene	29.044	278	368265	48.48	ng		98
92) Benzo(g,h,i)perylene	30.177	276	357329	47.64	ng		99

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

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