Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072121\
Data File : BG049394.D
Acq On : 21 Jul 2021 11:28
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
7/22/2021 1:28:04 PM

Quant Time: Jul 21 14:55:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 14:53:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.055	152	16346	20.00	ng		0.00
21) Naphthalene-d8	10.881	136	64175	20.00	ng		# 0.00
39) Acenaphthene-d10	14.705	164	42481	20.00	ng		0.00
64) Phenanthrene-d10	17.454	188	90668	20.00	ng		# 0.00
76) Chrysene-d12	21.737	240	94101	20.00	ng		# 0.00
86) Perylene-d12	25.020	264	95561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	9704	9.30	ng		0.00
7) Phenol-d6	7.215	99	12972	8.72	ng		0.00
23) Nitrobenzene-d5	9.224	82	13351	8.82	ng		0.00
42) 2,4,6-Tribromophenol	16.197	330	5033	6.83	ng		0.00
45) 2-Fluorobiphenyl	13.330	172	29364	9.33	ng		0.00
79) Terphenyl-d14	20.062	244	46909	8.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.491	88	2289	5.00	ng	#	66
3) Pyridine	3.902	79	4173	3.37	ng	#	64
4) n-Nitrosodimethylamine	3.814	42	2242	3.19	ng	#	74
6) Aniline	7.380	93	7297	4.03	ng	#	80
8) 2-Chlorophenol	7.620	128	4790	4.18	ng		90
9) Benzaldehyde	7.192	77	5094	6.51	ng	#	75
10) Phenol	7.244	94	6625	4.43	ng		95
11) bis(2-Chloroethyl)ether	7.474	93	4501	4.13	ng	#	67
12) 1,3-Dichlorobenzene	7.944	146	6336m	4.95	ng		
13) 1,4-Dichlorobenzene	8.096	146	5612	4.36	ng		88
14) 1,2-Dichlorobenzene	8.419	146	5925	4.78	ng		100
15) Benzyl Alcohol	8.308	79	5243	4.00	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.578	45	5595m	3.02	ng		
17) 2-Methylphenol	8.502	107	4127	4.10	ng	#	86
18) Hexachloroethane	9.148	117	2360	4.59	ng	#	67
19) n-Nitroso-di-n-propyla...	8.860	70	4859	4.54	ng	#	94
20) 3+4-Methylphenols	8.831	107	5703	4.08	ng	#	86
22) Acetophenone	8.883	105	7935	4.15	ng	#	87
24) Nitrobenzene	9.277	77	6776	4.13	ng	#	94
25) Isophorone	9.794	82	11659	4.01	ng	#	95
26) 2-Nitrophenol	9.982	139	2282	3.49	ng	#	71
27) 2,4-Dimethylphenol	10.047	122	4041	4.13	ng	#	74
28) bis(2-Chloroethoxy)met...	10.282	93	5454	3.98	ng	#	93
29) 2,4-Dichlorophenol	10.534	162	4240	3.61	ng		90
30) 1,2,4-Trichlorobenzene	10.740	180	5703	4.12	ng	#	89
31) Naphthalene	10.928	128	16779	4.49	ng		96
33) 4-Chloroaniline	11.051	127	5201	3.37	ng	#	92
34) Hexachlorobutadiene	11.216	225	4190	4.10	ng		90
36) 4-Chloro-3-methylphenol	12.161	107	5687	4.21	ng		89
37) 2-Methylnaphthalene	12.531	142	11341	4.03	ng		90
38) 1-Methylnaphthalene	12.755	142	11306m	4.24	ng		
40) 1,2,4,5-Tetrachloroben...	12.902	216	6124	4.13	ng		95
43) 2,4,6-Trichlorophenol	13.142	196	3649	3.57	ng	#	87
44) 2,4,5-Trichlorophenol	13.219	196	4135	3.69	ng	#	81
46) 1,1'-Biphenyl	13.536	154	16128	5.08	ng		97
47) 2-Chloronaphthalene	13.583	162	11325	4.34	ng		92

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48) 2-Nitroaniline	13.789	65	3678	3.86	ng		88
49) Acenaphthylene	14.429	152	18603	4.52	ng		99
50) Dimethylphthalate	14.153	163	15340	4.50	ng	#	96
51) 2,6-Dinitrotoluene	14.270	165	3320	4.25	ng	#	84
52) Acenaphthene	14.770	154	11763	4.58	ng	#	72
53) 3-Nitroaniline	14.611	138	2999	3.99	ng	#	63
55) Dibenzofuran	15.104	168	19302	4.62	ng		98
57) 2,4-Dinitrotoluene	15.069	165	3998	3.60	ng	#	92
58) Fluorene	15.751	166	15159	4.39	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.334	232	3818	3.66	ng	#	90
60) Diethylphthalate	15.516	149	15034	4.16	ng	#	90
61) 4-Chlorophenyl-phenyle...	15.745	204	7474	3.91	ng		91
62) 4-Nitroaniline	15.780	138	3229	4.14	ng	#	44
63) Azobenzene	16.038	77	17410	4.78	ng		85
66) n-Nitrosodiphenylamine	15.956	169	12895	4.55	ng	#	89
67) 4-Bromophenyl-phenylether	16.644	248	4932	4.03	ng		96
68) Hexachlorobenzene	16.761	284	6171	4.56	ng		96
69) Atrazine	16.908	200	5122	5.44	ng	#	71
71) Phenanthrene	17.495	178	23830m	4.56	ng		
72) Anthracene	17.589	178	24236m	4.66	ng		
73) Carbazole	17.860	167	21548	4.34	ng		98
74) Di-n-butylphthalate	18.412	149	24874	4.36	ng		97
75) Fluoranthene	19.504	202	28642	4.38	ng		95
77) Benzidine	19.692	184	12394	6.13	ng		96
78) Pyrene	19.869	202	31402	4.49	ng		96
80) Butylbenzylphthalate	20.750	149	9155	3.46	ng		93
81) Benzo(a)anthracene	21.713	228	28876	4.11	ng		96
82) 3,3'-Dichlorobenzidine	21.631	252	8052	3.37	ng	#	85
83) Chrysene	21.784	228	29349	4.40	ng		99
84) Bis(2-ethylhexyl)phtha...	21.619	149	15395	4.12	ng	#	90
85) Di-n-octyl phthalate	22.847	149	25680	4.08	ng		100
87) Indeno(1,2,3-cd)pyrene	28.786	276	33088m	4.34	ng		
88) Benzo(b)fluoranthene	23.975	252	30833	4.47	ng	#	95
89) Benzo(k)fluoranthene	24.039	252	27696	4.21	ng	#	93
90) Benzo(a)pyrene	24.862	252	27107	4.26	ng		98
91) Dibenzo(a,h)anthracene	28.845	278	28031	4.36	ng	#	92
92) Benzo(g,h,i)perylene	29.926	276	28282	4.46	ng	#	92

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

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