Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072121\
Data File : BG049395.D
Acq On : 21 Jul 2021 12:09
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
7/22/2021 1:28:08 PM

Quant Time: Jul 21 14:55:48 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	8.054	152	22183	20.00	ng		# 0.00
21) Naphthalene-d8	10.874	136	90582	20.00	ng		# 0.00
39) Acenaphthene-d10	14.704	164	61475	20.00	ng		0.00
64) Phenanthrene-d10	17.453	188	131299	20.00	ng		# 0.00
76) Chrysene-d12	21.736	240	140326	20.00	ng		# 0.00
86) Perylene-d12	25.014	264	149551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	26330	18.59	ng		0.00
7) Phenol-d6	7.208	99	41880	20.74	ng		0.00
23) Nitrobenzene-d5	9.217	82	40362	18.89	ng		0.00
42) 2,4,6-Tribromophenol	16.190	330	16308	15.30	ng		0.00
45) 2-Fluorobiphenyl	13.324	172	90018	19.76	ng		0.00
79) Terphenyl-d14	20.062	244	148991	17.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.478	88	6805	10.94	ng		97
3) Pyridine	3.895	79	16238	9.66	ng	#	87
4) n-Nitrosodimethylamine	3.807	42	7519	7.87	ng	#	57
6) Aniline	7.373	93	22734	9.25	ng	#	92
8) 2-Chlorophenol	7.614	128	14740	9.49	ng		99
9) Benzaldehyde	7.191	77	14459	13.61	ng		91
10) Phenol	7.232	94	19905	9.81	ng		94
11) bis(2-Chloroethyl)ether	7.467	93	13575	9.18	ng		92
12) 1,3-Dichlorobenzene	7.937	146	17647	10.15	ng		92
13) 1,4-Dichlorobenzene	8.089	146	17771	10.17	ng		95
14) 1,2-Dichlorobenzene	8.413	146	17148	10.19	ng		88
15) Benzyl Alcohol	8.289	79	17311	9.74	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.577	45	16236	6.46	ng		88
17) 2-Methylphenol	8.495	107	13114	9.59	ng		93
18) Hexachloroethane	9.147	117	6829	9.79	ng		95
19) n-Nitroso-di-n-propyla...	8.859	70	13710	9.45	ng		94
20) 3+4-Methylphenols	8.824	107	18448	9.74	ng		95
22) Acetophenone	8.877	105	25115	9.29	ng	#	95
24) Nitrobenzene	9.264	77	21568	9.32	ng		91
25) Isophorone	9.787	82	36307	8.85	ng		96
26) 2-Nitrophenol	9.981	139	7145	7.75	ng		88
27) 2,4-Dimethylphenol	10.034	122	12956	9.37	ng		96
28) bis(2-Chloroethoxy)met...	10.269	93	15963	8.25	ng		94
29) 2,4-Dichlorophenol	10.521	162	14823	8.94	ng		94
30) 1,2,4-Trichlorobenzene	10.733	180	16363	8.38	ng		96
31) Naphthalene	10.927	128	47182	8.95	ng		97
32) Benzoic acid	10.128	122	5975m	5.94	ng		
33) 4-Chloroaniline	11.033	127	18221	8.36	ng	#	93
34) Hexachlorobutadiene	11.209	225	11678	8.09	ng	#	90
35) Caprolactam	11.784	113	4188	7.96	ng	#	84
36) 4-Chloro-3-methylphenol	12.149	107	17005	8.91	ng		93
37) 2-Methylnaphthalene	12.531	142	35947	9.05	ng		96
38) 1-Methylnaphthalene	12.748	142	35513	9.44	ng		95
40) 1,2,4,5-Tetrachloroben...	12.895	216	18288	8.53	ng		99
41) Hexachlorocyclopentadiene	12.883	237	5767	4.54	ng		98
43) 2,4,6-Trichlorophenol	13.136	196	11585	7.82	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	12777	7.89	ng	#	79
46) 1,1'-Biphenyl	13.535	154	45593	9.93	ng		97
47) 2-Chloronaphthalene	13.576	162	36963	9.78	ng		92
48) 2-Nitroaniline	13.782	65	11438	8.30	ng		91
49) Acenaphthylene	14.422	152	58574	9.83	ng		94
50) Dimethylphthalate	14.146	163	45816	9.29	ng	#	96
51) 2,6-Dinitrotoluene	14.269	165	9549	8.44	ng		93
52) Acenaphthene	14.769	154	34709	9.35	ng		97
53) 3-Nitroaniline	14.604	138	9804	9.02	ng		95
54) 2,4-Dinitrophenol	14.816	184	1655	2.43	ng	#	69
55) Dibenzofuran	15.104	168	57538	9.52	ng		98
56) 4-Nitrophenol	14.916	139	6889	7.78	ng		93
57) 2,4-Dinitrotoluene	15.057	165	13602	8.47	ng	#	87
58) Fluorene	15.750	166	45549	9.11	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.327	232	11054	7.33	ng		92
60) Diethylphthalate	15.509	149	47297	9.05	ng	#	91
61) 4-Chlorophenyl-phenyle...	15.744	204	23151	8.37	ng		93
62) 4-Nitroaniline	15.767	138	10403	9.22	ng	#	72
63) Azobenzene	16.032	77	53402	10.13	ng		82
65) 4,6-Dinitro-2-methylph...	15.826	198	5376	5.73	ng	#	80
66) n-Nitrosodiphenylamine	15.955	169	40151	9.78	ng		96
67) 4-Bromophenyl-phenylether	16.637	248	15180	8.57	ng		91
68) Hexachlorobenzene	16.754	284	17284	8.83	ng		96
69) Atrazine	16.901	200	16300	11.95	ng		86
70) Pentachlorophenol	17.101	266	4974	4.36	ng	#	82
71) Phenanthrene	17.494	178	75558m	9.99	ng		
72) Anthracene	17.588	178	71789	9.52	ng		95
73) Carbazole	17.853	167	67429	9.38	ng		97
74) Di-n-butylphthalate	18.405	149	76175	9.22	ng		97
75) Fluoranthene	19.503	202	92511	9.77	ng		99
77) Benzidine	19.680	184	40962	13.59	ng		97
78) Pyrene	19.868	202	93966	9.02	ng		96
80) Butylbenzylphthalate	20.743	149	31680	8.02	ng		96
81) Benzo(a)anthracene	21.712	228	91104	8.70	ng		97
82) 3,3'-Dichlorobenzidine	21.630	252	25781	7.24	ng	#	95
83) Chrysene	21.783	228	88701	8.92	ng		98
84) Bis(2-ethylhexyl)phtha...	21.612	149	49009	8.79	ng		95
85) Di-n-octyl phthalate	22.846	149	85765	9.14	ng		96
87) Indeno(1,2,3-cd)pyrene	28.756	276	107883	9.04	ng	#	92
88) Benzo(b)fluoranthene	23.968	252	94738	8.78	ng	#	90
89) Benzo(k)fluoranthene	24.038	252	92887	9.02	ng	#	94
90) Benzo(a)pyrene	24.855	252	89564	9.00	ng	#	97
91) Dibenzo(a,h)anthracene	28.832	278	91615	9.10	ng		95
92) Benzo(g,h,i)perylene	29.925	276	89741	9.04	ng	#	93

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

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