Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072121\
Data File : BG049396.D
Acq On : 21 Jul 2021 12:49
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
7/22/2021 1:28:12 PM

Quant Time: Jul 21 14:56:26 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	24747	20.00	ng		0.00
21) Naphthalene-d8	10.874	136	97119	20.00	ng		# 0.00
39) Acenaphthene-d10	14.704	164	64267	20.00	ng		0.00
64) Phenanthrene-d10	17.453	188	140156	20.00	ng		# 0.00
76) Chrysene-d12	21.736	240	149963	20.00	ng		0.00
86) Perylene-d12	25.014	264	163124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	62065	39.28	ng		0.00
7) Phenol-d6	7.208	99	90854	40.33	ng		0.00
23) Nitrobenzene-d5	9.223	82	90799	39.64	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	35192	31.59	ng		0.00
45) 2-Fluorobiphenyl	13.324	172	188431	39.56	ng		0.00
79) Terphenyl-d14	20.062	244	318523	35.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.478	88	14473	20.86	ng		92
3) Pyridine	3.889	79	35658	19.01	ng	#	84
4) n-Nitrosodimethylamine	3.801	42	17264	16.21	ng	#	53
6) Aniline	7.373	93	49659	18.11	ng		97
8) 2-Chlorophenol	7.614	128	31906	18.41	ng		91
9) Benzaldehyde	7.185	77	31881	26.91	ng		86
10) Phenol	7.232	94	41655	18.41	ng		95
11) bis(2-Chloroethyl)ether	7.467	93	30127	18.25	ng		92
12) 1,3-Dichlorobenzene	7.943	146	36372	18.76	ng		100
13) 1,4-Dichlorobenzene	8.090	146	37930	19.45	ng		96
14) 1,2-Dichlorobenzene	8.413	146	36243	19.31	ng		92
15) Benzyl Alcohol	8.289	79	36232	18.27	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.589	45	34633	12.36	ng		91
17) 2-Methylphenol	8.495	107	28995	19.02	ng		99
18) Hexachloroethane	9.147	117	14708	18.89	ng		94
19) n-Nitroso-di-n-propyla...	8.859	70	29945	18.50	ng	#	88
20) 3+4-Methylphenols	8.824	107	38194	18.07	ng		93
22) Acetophenone	8.877	105	54500	18.81	ng	#	94
24) Nitrobenzene	9.264	77	47392	19.09	ng		97
25) Isophorone	9.787	82	79831	18.14	ng	#	94
26) 2-Nitrophenol	9.981	139	16918	17.12	ng		92
27) 2,4-Dimethylphenol	10.034	122	27738	18.71	ng		96
28) bis(2-Chloroethoxy)met...	10.269	93	35450	17.09	ng		93
29) 2,4-Dichlorophenol	10.516	162	31999	18.00	ng		96
30) 1,2,4-Trichlorobenzene	10.733	180	35208	16.82	ng		99
31) Naphthalene	10.927	128	106165	18.78	ng		96
32) Benzoic acid	10.146	122	16205m	15.03	ng		
33) 4-Chloroaniline	11.033	127	41950	17.94	ng		96
34) Hexachlorobutadiene	11.209	225	24737	15.99	ng	#	88
35) Caprolactam	11.790	113	9806	17.38	ng	#	77
36) 4-Chloro-3-methylphenol	12.149	107	36500	17.84	ng	#	92
37) 2-Methylnaphthalene	12.531	142	77042	18.09	ng		96
38) 1-Methylnaphthalene	12.748	142	73808	18.30	ng		94
40) 1,2,4,5-Tetrachloroben...	12.895	216	39541	17.64	ng		100
41) Hexachlorocyclopentadiene	12.877	237	16521	12.44	ng		99
43) 2,4,6-Trichlorophenol	13.136	196	26190	16.92	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	28011	16.54	ng		90
46) 1,1'-Biphenyl	13.535	154	99913	20.81	ng		97
47) 2-Chloronaphthalene	13.576	162	75345	19.07	ng		96
48) 2-Nitroaniline	13.776	65	26443	18.36	ng		97
49) Acenaphthylene	14.422	152	123676	19.86	ng	#	95
50) Dimethylphthalate	14.152	163	97029	18.81	ng		98
51) 2,6-Dinitrotoluene	14.269	165	21198	17.93	ng		89
52) Acenaphthene	14.769	154	72960	18.80	ng		93
53) 3-Nitroaniline	14.604	138	20614	18.15	ng		97
54) 2,4-Dinitrophenol	14.816	184	6867	9.62	ng	#	70
55) Dibenzofuran	15.098	168	118182	18.70	ng	#	97
56) 4-Nitrophenol	14.910	139	17141	18.52	ng	#	90
57) 2,4-Dinitrotoluene	15.057	165	27947	16.64	ng	#	88
58) Fluorene	15.750	166	96245	18.41	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.327	232	25823	16.38	ng		94
60) Diethylphthalate	15.515	149	97554	17.85	ng		95
61) 4-Chlorophenyl-phenyle...	15.738	204	48600	16.80	ng		92
62) 4-Nitroaniline	15.767	138	22100	18.73	ng		86
63) Azobenzene	16.032	77	107703	19.55	ng		87
65) 4,6-Dinitro-2-methylph...	15.826	198	13754	13.74	ng	#	85
66) n-Nitrosodiphenylamine	15.955	169	82090	18.73	ng		96
67) 4-Bromophenyl-phenylether	16.637	248	30755	16.27	ng		91
68) Hexachlorobenzene	16.754	284	35509	16.99	ng		91
69) Atrazine	16.901	200	32755	22.50	ng		95
70) Pentachlorophenol	17.101	266	13713	11.27	ng		96
71) Phenanthrene	17.494	178	154666	19.16	ng		98
72) Anthracene	17.588	178	154481	19.20	ng		98
73) Carbazole	17.859	167	148292	19.33	ng		98
74) Di-n-butylphthalate	18.411	149	169002	19.16	ng	#	96
75) Fluoranthene	19.504	202	198851	19.68	ng		98
77) Benzidine	19.680	184	81219	25.21	ng		98
78) Pyrene	19.868	202	202572	18.19	ng		98
80) Butylbenzylphthalate	20.743	149	73478	17.41	ng		95
81) Benzo(a)anthracene	21.718	228	197288	17.64	ng		97
82) 3,3'-Dichlorobenzidine	21.630	252	58983	15.50	ng		94
83) Chrysene	21.783	228	190233	17.90	ng		99
84) Bis(2-ethylhexyl)phtha...	21.612	149	110101	18.47	ng	#	94
85) Di-n-octyl phthalate	22.840	149	192743	19.21	ng		97
87) Indeno(1,2,3-cd)pyrene	28.767	276	239925	18.43	ng	#	99
88) Benzo(b)fluoranthene	23.968	252	215700	18.32	ng	#	98
89) Benzo(k)fluoranthene	24.039	252	204427	18.20	ng	#	97
90) Benzo(a)pyrene	24.861	252	193963	17.86	ng	#	96
91) Dibenzo(a,h)anthracene	28.832	278	198295	18.05	ng	#	98
92) Benzo(g,h,i)perylene	29.936	276	195182	18.02	ng	#	95

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

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