Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047951.D
Acq On : 21 Jan 2021 12:52
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
1/22/2021 11:55:08 AM

Quant Time: Jan 21 14:09:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 21 12:32:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.147	152	52527	20.00	ng		0.00
21) Naphthalene-d8	10.967	136	197182	20.00	ng	#	0.00
39) Acenaphthene-d10	14.774	164	148357	20.00	ng		0.00
64) Phenanthrene-d10	17.518	188	377673	20.00	ng	#	0.00
76) Chrysene-d12	21.801	240	376448	20.00	ng	#	0.00
86) Perylene-d12	25.109	264	410178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.703	112	389660	134.93	ng		0.00
7) Phenol-d6	7.295	99	602694	136.54	ng		0.00
23) Nitrobenzene-d5	9.316	82	598651	148.97	ng		0.00
42) 2,4,6-Tribromophenol	16.261	330	322071	163.47	ng		0.00
45) 2-Fluorobiphenyl	13.399	172	1324913	118.88	ng		0.00
79) Terphenyl-d14	20.121	244	2340673	114.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.593	88	88329	56.41	ng	#	89
3) Pyridine	3.987	79	269816m	58.63	ng		
4) n-Nitrosodimethylamine	3.899	42	136975	59.21	ng	#	70
6) Aniline	7.471	93	357958	63.07	ng	#	89
8) 2-Chlorophenol	7.712	128	205487	71.08	ng		87
9) Benzaldehyde	7.283	77	158724	54.75	ng		86
10) Phenol	7.324	94	282874	67.14	ng		74
11) bis(2-Chloroethyl)ether	7.565	93	222709	62.23	ng		91
12) 1,3-Dichlorobenzene	8.041	146	256978	61.04	ng	#	91
13) 1,4-Dichlorobenzene	8.188	146	256955	61.79	ng		97
14) 1,2-Dichlorobenzene	8.505	146	240882	60.52	ng		95
15) Benzyl Alcohol	8.382	79	259675	75.55	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.676	45	372164	59.65	ng		98
17) 2-Methylphenol	8.582	107	196088	71.44	ng	#	87
18) Hexachloroethane	9.245	117	97703	69.30	ng		97
19) n-Nitroso-di-n-propyla...	8.963	70	217718	67.23	ng		95
20) 3+4-Methylphenols	8.911	107	269299	73.18	ng		91
22) Acetophenone	8.975	105	366829	62.97	ng	#	90
24) Nitrobenzene	9.357	77	300833	72.32	ng	#	85
25) Isophorone	9.886	82	545280	67.56	ng		96
26) 2-Nitrophenol	10.068	139	120781	107.46	ng	#	70
27) 2,4-Dimethylphenol	10.121	122	183579	72.74	ng		89
28) bis(2-Chloroethoxy)met...	10.362	93	320751	65.04	ng		97
29) 2,4-Dichlorophenol	10.603	162	237338	79.87	ng		95
30) 1,2,4-Trichlorobenzene	10.826	180	285605	63.76	ng		97
31) Naphthalene	11.020	128	693865	62.95	ng		99
32) Benzoic acid	10.280	122	174024	121.37	ng	#	84
33) 4-Chloroaniline	11.114	127	319158	66.64	ng	#	90
34) Hexachlorobutadiene	11.302	225	216736	64.26	ng		97
35) Caprolactam	11.907	113	89179	81.14	ng	#	78
36) 4-Chloro-3-methylphenol	12.224	107	261024	77.73	ng		88
37) 2-Methylnaphthalene	12.612	142	539889	65.55	ng	#	94
38) 1-Methylnaphthalene	12.829	142	501957	64.82	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.976	216	357065	62.46	ng	#	98
41) Hexachlorocyclopentadiene	12.959	237	205365	86.54	ng		100
43) 2,4,6-Trichlorophenol	13.206	196	240422	85.68	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.276	196	244414	82.10	ng	#	93
46) 1,1'-Biphenyl	13.611	154	705094	62.59	ng		99
47) 2-Chloronaphthalene	13.658	162	573274	62.03	ng		94
48) 2-Nitroaniline	13.846	65	225294	102.10	ng	#	74
49) Acenaphthylene	14.498	152	886788	62.90	ng		100
50) Dimethylphthalate	14.228	163	802724	72.56	ng		99
51) 2,6-Dinitrotoluene	14.339	165	168443	83.41	ng	#	66
52) Acenaphthene	14.839	154	606708	66.23	ng		100
53) 3-Nitroaniline	14.669	138	177287	75.28	ng	#	72
54) 2,4-Dinitrophenol	14.868	184	103071	99.79	ng	#	68
55) Dibenzofuran	15.174	168	866823	61.74	ng		94
56) 4-Nitrophenol	14.962	139	143110	79.17	ng	#	58
57) 2,4-Dinitrotoluene	15.127	165	240738	86.07	ng	#	80
58) Fluorene	15.820	166	736230	62.24	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.391	232	256404	88.10	ng	#	96
60) Diethylphthalate	15.585	149	790920	74.14	ng		97
61) 4-Chlorophenyl-phenyle...	15.808	204	448347	62.99	ng		97
62) 4-Nitroaniline	15.832	138	193631	72.15	ng	#	64
63) Azobenzene	16.102	77	758880	62.26	ng		90
65) 4,6-Dinitro-2-methylph...	15.891	198	134533	99.62	ng		86
66) n-Nitrosodiphenylamine	16.026	169	687093	63.45	ng		97
67) 4-Bromophenyl-phenylether	16.701	248	321738	65.51	ng		94
68) Hexachlorobenzene	16.819	284	336186	63.43	ng		94
69) Atrazine	16.966	200	245987	72.46	ng		97
70) Pentachlorophenol	17.160	266	214896	84.15	ng		99
71) Phenanthrene	17.559	178	1237670	60.29	ng		100
72) Anthracene	17.653	178	1210604	60.72	ng		99
73) Carbazole	17.918	167	1105027	61.68	ng		97
74) Di-n-butylphthalate	18.476	149	1317261	73.77	ng	#	97
75) Fluoranthene	19.563	202	1564047	57.49	ng		97
77) Benzidine	19.733	184	493510	59.59	ng		99
78) Pyrene	19.921	202	1573465	61.25	ng		98
80) Butylbenzylphthalate	20.808	149	594451	94.06	ng		88
81) Benzo(a)anthracene	21.784	228	1587477	61.33	ng		99
82) 3,3'-Dichlorobenzidine	21.690	252	573140	72.92	ng		99
83) Chrysene	21.854	228	1518180	60.90	ng		98
84) Bis(2-ethylhexyl)phtha...	21.690	149	827772	86.92	ng		98
85) Di-n-octyl phthalate	22.941	149	1408416	93.20	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.917	276	1960110	64.64	ng	#	90
88) Benzo(b)fluoranthene	24.069	252	1673810	61.45	ng	#	98
89) Benzo(k)fluoranthene	24.140	252	1616933	61.41	ng	#	98
90) Benzo(a)pyrene	24.962	252	1582500	62.44	ng	#	97
91) Dibenzo(a,h)anthracene	28.987	278	1590742	65.10	ng	#	95
92) Benzo(g,h,i)perylene	30.109	276	1554418	63.12	ng	#	94

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

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