Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110420\
Data File : BG047207.D
Acq On : 4 Nov 2020 11:13
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
11/5/2020 11:31:39 AM

Quant Time: Nov 04 14:02:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 14:01:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.004	152	42475	20.00	ng		# 0.00
21) Naphthalene-d8	10.818	136	162606	20.00	ng		0.00
39) Acenaphthene-d10	14.643	164	117349	20.00	ng		0.00
64) Phenanthrene-d10	17.387	188	291473	20.00	ng		# 0.00
76) Chrysene-d12	21.646	240	346793	20.00	ng		# 0.00
86) Perylene-d12	24.831	264	349587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.559	112	25134	9.60	ng		0.00
7) Phenol-d6	7.158	99	35739	9.51	ng		0.00
23) Nitrobenzene-d5	9.167	82	34443	9.06	ng		0.00
42) 2,4,6-Tribromophenol	16.129	330	17535	8.99	ng		0.00
45) 2-Fluorobiphenyl	13.262	172	89143	9.62	ng		0.00
79) Terphenyl-d14	19.990	244	192370	9.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	6965	5.37	ng		97
3) Pyridine	3.838	79	15282	4.38	ng	#	82
4) n-Nitrosodimethylamine	3.750	42	8427	4.81	ng	#	85
6) Aniline	7.322	93	21556	4.74	ng		91
8) 2-Chlorophenol	7.569	128	13167	4.80	ng		90
9) Benzaldehyde	7.140	77	12733	4.82	ng		92
10) Phenol	7.187	94	16628	4.62	ng		77
11) bis(2-Chloroethyl)ether	7.422	93	14136	4.93	ng		94
12) 1,3-Dichlorobenzene	7.898	146	18446m	5.05	ng		
13) 1,4-Dichlorobenzene	8.045	146	17811	4.85	ng		98
14) 1,2-Dichlorobenzene	8.356	146	17405	5.01	ng		88
15) Benzyl Alcohol	8.239	79	11926	4.11	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.526	45	22590	5.01	ng		97
17) 2-Methylphenol	8.444	107	11331	4.72	ng	#	86
18) Hexachloroethane	9.091	117	6432	4.74	ng	#	77
19) n-Nitroso-di-n-propyla...	8.803	70	11687	4.55	ng	#	92
20) 3+4-Methylphenols	8.773	107	14845	4.44	ng		86
22) Acetophenone	8.826	105	22419	4.72	ng	#	83
24) Nitrobenzene	9.214	77	18460	4.78	ng	#	83
25) Isophorone	9.725	82	30359	4.58	ng	#	97
26) 2-Nitrophenol	9.925	139	7114	4.25	ng	#	89
27) 2,4-Dimethylphenol	9.978	122	9908	4.41	ng	#	69
28) bis(2-Chloroethoxy)met...	10.219	93	18342	4.58	ng		94
29) 2,4-Dichlorophenol	10.460	162	13403	4.30	ng	#	80
30) 1,2,4-Trichlorobenzene	10.677	180	18504	4.86	ng		99
31) Naphthalene	10.865	128	46099	4.88	ng		97
32) Benzoic acid	10.054	122	4390m	3.02	ng		
33) 4-Chloroaniline	10.971	127	17259	4.45	ng	#	89
34) Hexachlorobutadiene	11.153	225	13987	4.91	ng		97
35) Caprolactam	11.699	113	3885	4.40	ng	#	75
36) 4-Chloro-3-methylphenol	12.093	107	13508	4.22	ng	#	88
37) 2-Methylnaphthalene	12.469	142	33111	4.71	ng	#	91
38) 1-Methylnaphthalene	12.692	142	32811	4.85	ng	#	93
40) 1,2,4,5-Tetrachloroben...	12.839	216	22722	4.90	ng		98
41) Hexachlorocyclopentadiene	12.821	237	8886	3.70	ng		91
43) 2,4,6-Trichlorophenol	13.074	196	13191	4.44	ng		95

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44) 2,4,5-Trichlorophenol	13.150	196	13407	4.40	ng	#	90
46) 1,1'-Biphenyl	13.474	154	46499	4.83	ng		92
47) 2-Chloronaphthalene	13.521	162	37176	4.67	ng		96
48) 2-Nitroaniline	13.720	65	11115	4.24	ng	#	79
49) Acenaphthylene	14.367	152	55580	4.82	ng		98
50) Dimethylphthalate	14.085	163	51015	4.88	ng		98
51) 2,6-Dinitrotoluene	14.214	165	8845	4.01	ng	#	72
52) Acenaphthene	14.702	154	34977	4.70	ng		98
53) 3-Nitroaniline	14.543	138	8571	4.04	ng	#	90
55) Dibenzofuran	15.037	168	59773	4.94	ng		94
56) 4-Nitrophenol	14.843	139	6180	3.89	ng	#	67
57) 2,4-Dinitrotoluene	14.995	165	14034	4.51	ng	#	87
58) Fluorene	15.689	166	46476	4.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.266	232	14450	4.51	ng	#	95
60) Diethylphthalate	15.448	149	47738	4.64	ng		96
61) 4-Chlorophenyl-phenyle...	15.677	204	27165	4.75	ng	#	93
62) 4-Nitroaniline	15.700	138	10180m	4.45	ng		
63) Azobenzene	15.971	77	43967	4.76	ng		88
66) n-Nitrosodiphenylamine	15.888	169	42135	4.67	ng		100
67) 4-Bromophenyl-phenylether	16.576	248	19034	4.65	ng		92
68) Hexachlorobenzene	16.693	284	20670	4.64	ng	#	88
69) Atrazine	16.834	200	18107	4.65	ng		90
70) Pentachlorophenol	17.034	266	9181	5.03	ng		92
71) Phenanthrene	17.428	178	82586	4.87	ng		93
72) Anthracene	17.516	178	80289m	4.88	ng		
73) Carbazole	17.786	167	71422	4.94	ng		96
74) Di-n-butylphthalate	18.344	149	83848	4.70	ng	#	98
75) Fluoranthene	19.437	202	110031	5.07	ng		97
77) Benzidine	19.613	184	45409	3.87	ng		97
78) Pyrene	19.796	202	110876	4.54	ng		97
80) Butylbenzylphthalate	20.677	149	39348	4.27	ng		91
81) Benzo(a)anthracene	21.623	228	118041	4.83	ng		96
82) 3,3'-Dichlorobenzidine	21.541	252	37394	4.47	ng		95
83) Chrysene	21.688	228	116176	4.94	ng		96
84) Bis(2-ethylhexyl)phtha...	21.529	149	55220	4.33	ng		96
85) Di-n-octyl phthalate	22.727	149	93200	4.34	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.456	276	119985	4.51	ng	#	84
88) Benzo(b)fluoranthene	23.820	252	112920	4.72	ng	#	96
89) Benzo(k)fluoranthene	23.885	252	108017	4.64	ng	#	97
90) Benzo(a)pyrene	24.678	252	104997	4.70	ng	#	93
91) Dibenzo(a,h)anthracene	28.521	278	100586	4.72	ng	#	92
92) Benzo(g,h,i)perylene	29.602	276	100484	4.72	ng	#	86

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

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