Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
Data File : BG047231.D
Acq On : 5 Nov 2020 23:03
Operator : CG/JU
Sample : L4641-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P0122-CAS001-0002-01MS

Manual Integrations APPROVED
mohammad
11/6/2020 10:32:18 AM

Quant Time: Nov 06 02:19:15 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 16:19:40 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.008	152	56154	20.00	ng		0.00
21) Naphthalene-d8	10.816	136	241894	20.00	ng		0.00
39) Acenaphthene-d10	14.641	164	177210	20.00	ng		0.00
64) Phenanthrene-d10	17.391	188	419754	20.00	ng	#	0.00
76) Chrysene-d12	21.651	240	393460	20.00	ng	#	0.00
86) Perylene-d12	24.847	264	406184	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.564	112	432109	124.73	ng		0.00
7) Phenol-d6	7.168	99	600384	119.72	ng		0.00
23) Nitrobenzene-d5	9.171	82	399302	70.84	ng		0.00
42) 2,4,6-Tribromophenol	16.134	330	337131	113.61	ng		0.00
45) 2-Fluorobiphenyl	13.267	172	962585	69.67	ng		0.00
79) Terphenyl-d14	19.994	244	1497461	66.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	41069	23.94	ng	#	90
3) Pyridine	3.825	79	113997	24.84	ng		98
4) n-Nitrosodimethylamine	3.742	42	79894	34.72	ng	#	67
6) Aniline	7.326	93	91651	15.48	ng		92
8) 2-Chlorophenol	7.567	128	150900	41.03	ng		93
9) Benzaldehyde	7.138	77	42008	12.45	ng	#	77
10) Phenol	7.191	94	198980	41.83	ng		81
11) bis(2-Chloroethyl)ether	7.420	93	135851	36.00	ng		97
12) 1,3-Dichlorobenzene	7.896	146	166528	34.79	ng	#	94
13) 1,4-Dichlorobenzene	8.043	146	169481	35.26	ng		97
14) 1,2-Dichlorobenzene	8.361	146	167407m	36.72	ng		
15) Benzyl Alcohol	8.243	79	155536	40.36	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.531	45	205586	35.30	ng		96
17) 2-Methylphenol	8.443	107	132801	41.25	ng	#	88
18) Hexachloroethane	9.095	117	64339	36.55	ng		94
19) n-Nitroso-di-n-propyla...	8.807	70	123588	37.50	ng		94
20) 3+4-Methylphenols	8.772	107	183157	42.47	ng		91
22) Acetophenone	8.831	105	233108	33.42	ng	#	92
24) Nitrobenzene	9.212	77	193843	33.80	ng	#	86
25) Isophorone	9.735	82	336172	34.81	ng	#	95
26) 2-Nitrophenol	9.923	139	90441	36.56	ng	#	74
27) 2,4-Dimethylphenol	9.982	122	144826	43.61	ng		89
28) bis(2-Chloroethoxy)met...	10.217	93	195386	33.43	ng		96
29) 2,4-Dichlorophenol	10.458	162	171891	37.45	ng		95
30) 1,2,4-Trichlorobenzene	10.681	180	179579	31.74	ng		98
31) Naphthalene	10.863	128	477045	34.44	ng		99
32) Benzoic acid	10.076	122	43888	18.24	ng		89
33) 4-Chloroaniline	10.969	127	49450	8.49	ng	#	89
34) Hexachlorobutadiene	11.151	225	133096	31.09	ng		99
35) Caprolactam	11.739	113	49171m	32.79	ng		
36) 4-Chloro-3-methylphenol	12.091	107	182164	38.95	ng		91
37) 2-Methylnaphthalene	12.473	142	368600	35.41	ng	#	93
38) 1-Methylnaphthalene	12.691	142	334890m	33.86	ng		
40) 1,2,4,5-Tetrachloroben...	12.838	216	239389	34.21	ng	#	97
41) Hexachlorocyclopentadiene	12.820	237	293471	80.93	ng		99
43) 2,4,6-Trichlorophenol	13.073	196	160193	35.22	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.149	196	171216	37.07	ng	#	94
46) 1,1'-Biphenyl	13.478	154	489341	33.73	ng		96
47) 2-Chloronaphthalene	13.519	162	390395	32.99	ng		98
48) 2-Nitroaniline	13.719	65	128231	32.69	ng	#	84
49) Acenaphthylene	14.365	152	591168	34.15	ng		98
50) Dimethylphthalate	14.095	163	580484	37.09	ng		98
51) 2,6-Dinitrotoluene	14.213	165	114896	35.40	ng	#	74
52) Acenaphthene	14.706	154	379090	34.26	ng		98
53) 3-Nitroaniline	14.542	138	56667	17.54	ng	#	76
54) 2,4-Dinitrophenol	14.747	184	112025	53.80	ng	#	75
55) Dibenzofuran	15.041	168	619674	34.06	ng		94
56) 4-Nitrophenol	14.853	139	184752	73.82	ng	#	65
57) 2,4-Dinitrotoluene	15.000	165	158687	33.48	ng	#	78
58) Fluorene	15.687	166	507689	34.72	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.264	232	171545	35.38	ng	#	97
60) Diethylphthalate	15.458	149	516083	33.39	ng		98
61) 4-Chlorophenyl-phenyle...	15.681	204	290369	33.53	ng		99
62) 4-Nitroaniline	15.705	138	95644	27.56	ng	#	52
63) Azobenzene	15.975	77	476033	34.36	ng		92
65) 4,6-Dinitro-2-methylph...	15.764	198	98942	33.90	ng		87
66) n-Nitrosodiphenylamine	15.893	169	459071	35.55	ng		98
67) 4-Bromophenyl-phenylether	16.574	248	199372	34.01	ng		96
68) Hexachlorobenzene	16.698	284	209389	32.87	ng		95
69) Atrazine	16.839	200	155621	28.18	ng		97
70) Pentachlorophenol	17.039	266	265493	76.49	ng		98
71) Phenanthrene	17.432	178	825404	33.88	ng		98
72) Anthracene	17.520	178	840992	35.54	ng		98
73) Carbazole	17.791	167	707677	33.87	ng		99
74) Di-n-butylphthalate	18.343	149	875383	34.27	ng	#	98
75) Fluoranthene	19.436	202	969427	31.24	ng		97
77) Benzidine	19.612	184	120526	9.13	ng		97
78) Pyrene	19.800	202	961196	35.08	ng		97
80) Butylbenzylphthalate	20.681	149	346168	33.49	ng		92
81) Benzo(a)anthracene	21.633	228	947831	33.98	ng		100
82) 3,3'-Dichlorobenzidine	21.545	252	87594	9.08	ng		96
83) Chrysene	21.698	228	921480	34.33	ng		99
84) Bis(2-ethylhexyl)phtha...	21.533	149	562358	38.89	ng		97
85) Di-n-octyl phthalate	22.732	149	826810	34.02	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.484	276	1097682	35.60	ng	#	92
88) Benzo(b)fluoranthene	23.831	252	952044	34.33	ng	#	97
89) Benzo(k)fluoranthene	23.901	252	914810	33.77	ng	#	96
90) Benzo(a)pyrene	24.700	252	848490	32.79	ng	#	97
91) Dibenzo(a,h)anthracene	28.555	278	902629	35.97	ng	#	94
92) Benzo(g,h,i)perylene	29.630	276	914242	36.74	ng	#	93

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

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